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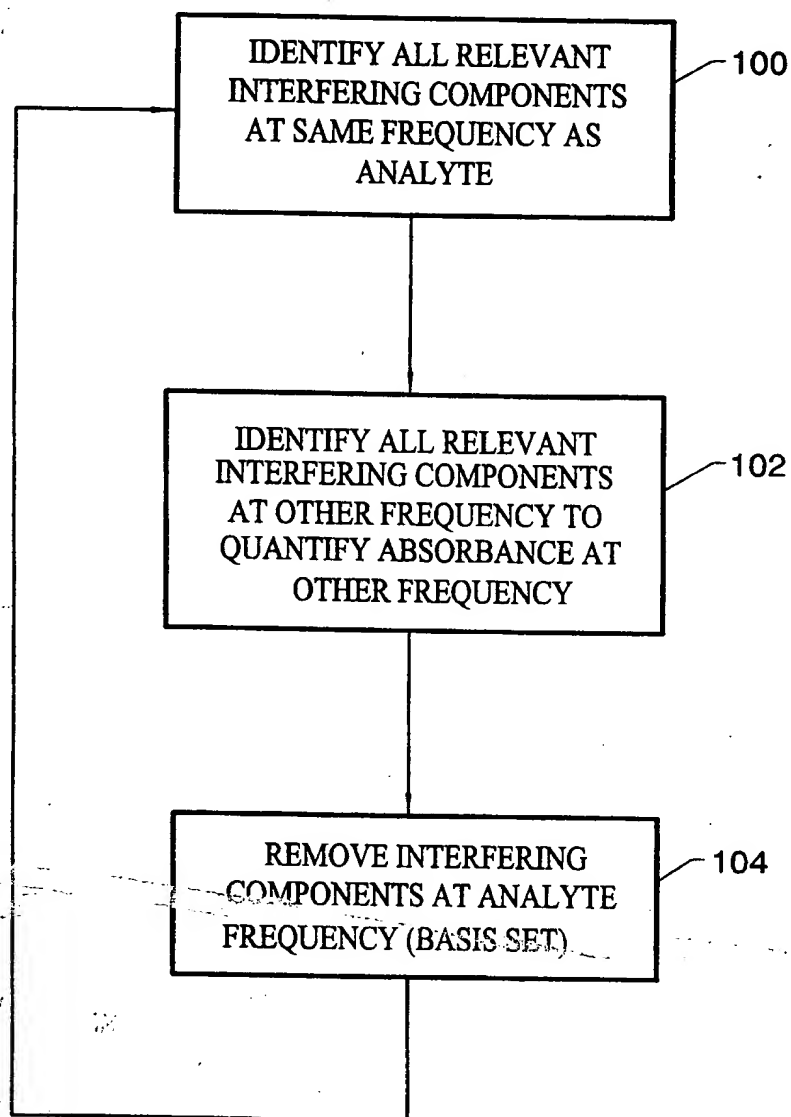


FIG. 1

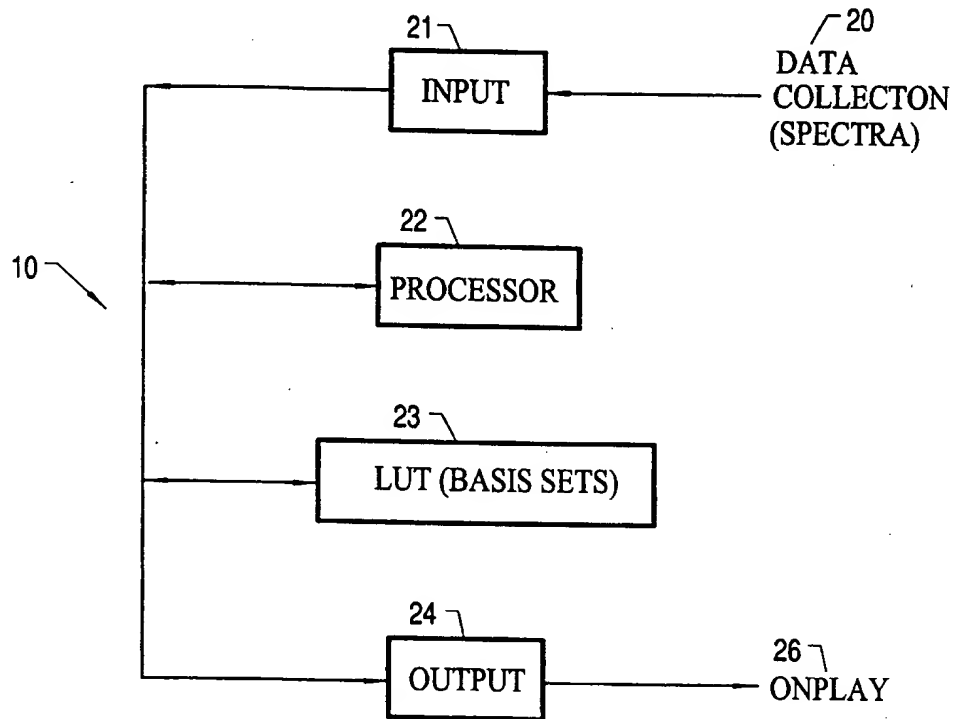


FIG. 2

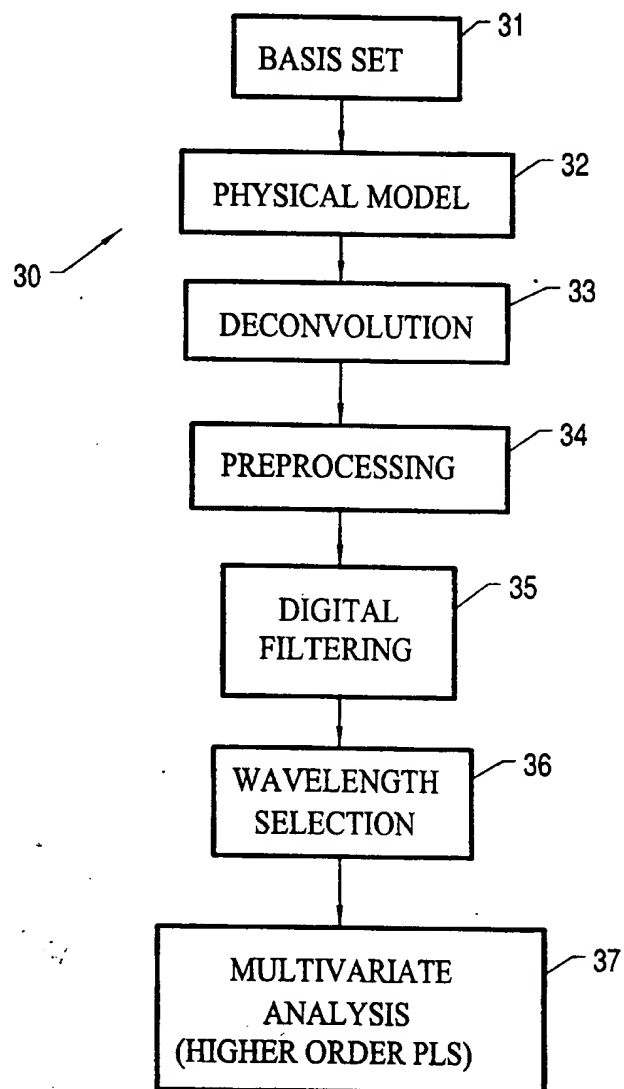


FIG. 3

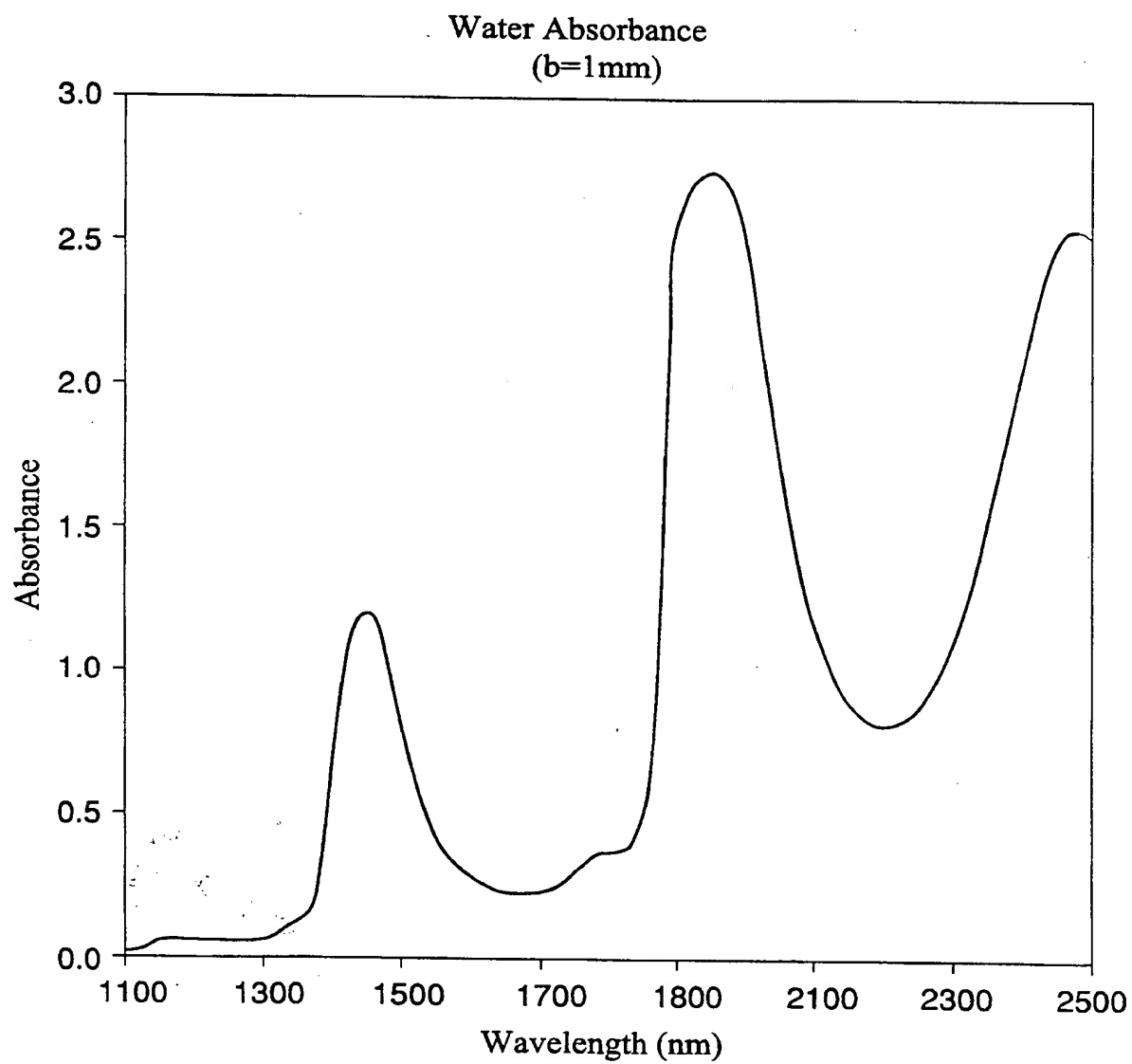


FIG. 4

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Water Absorbance  
(Varying Temperature)

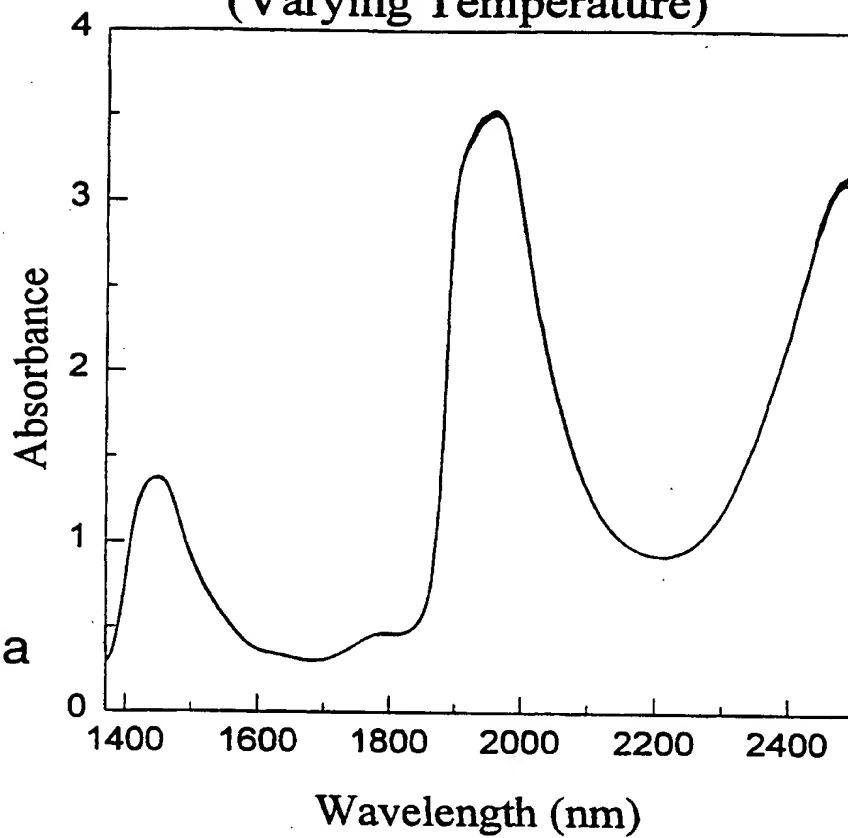


FIG. 5a

Temperature Effect

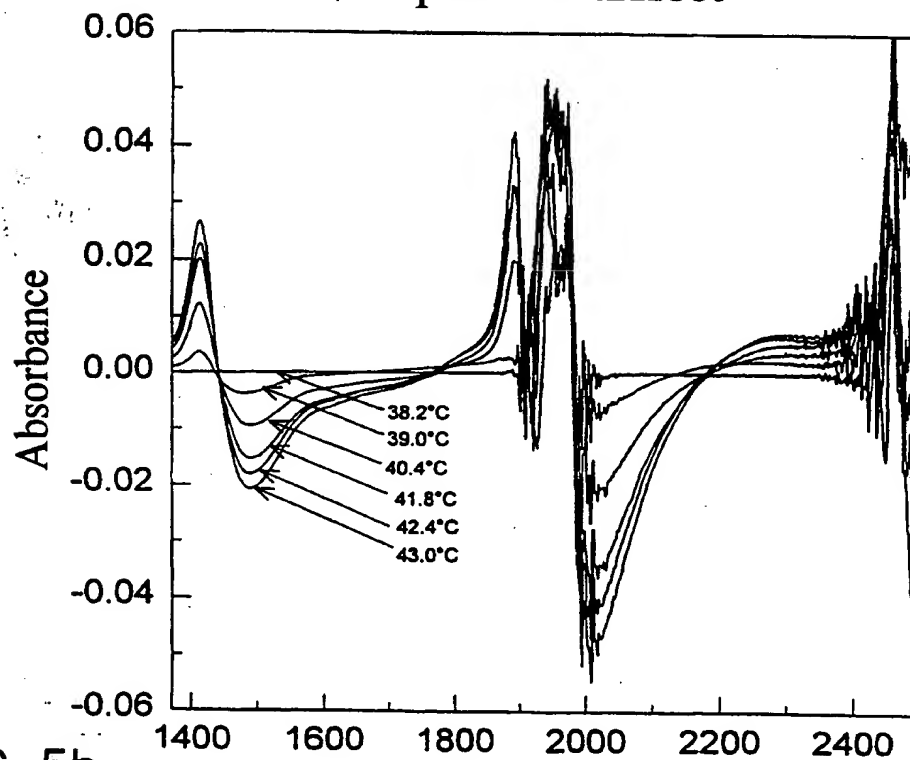
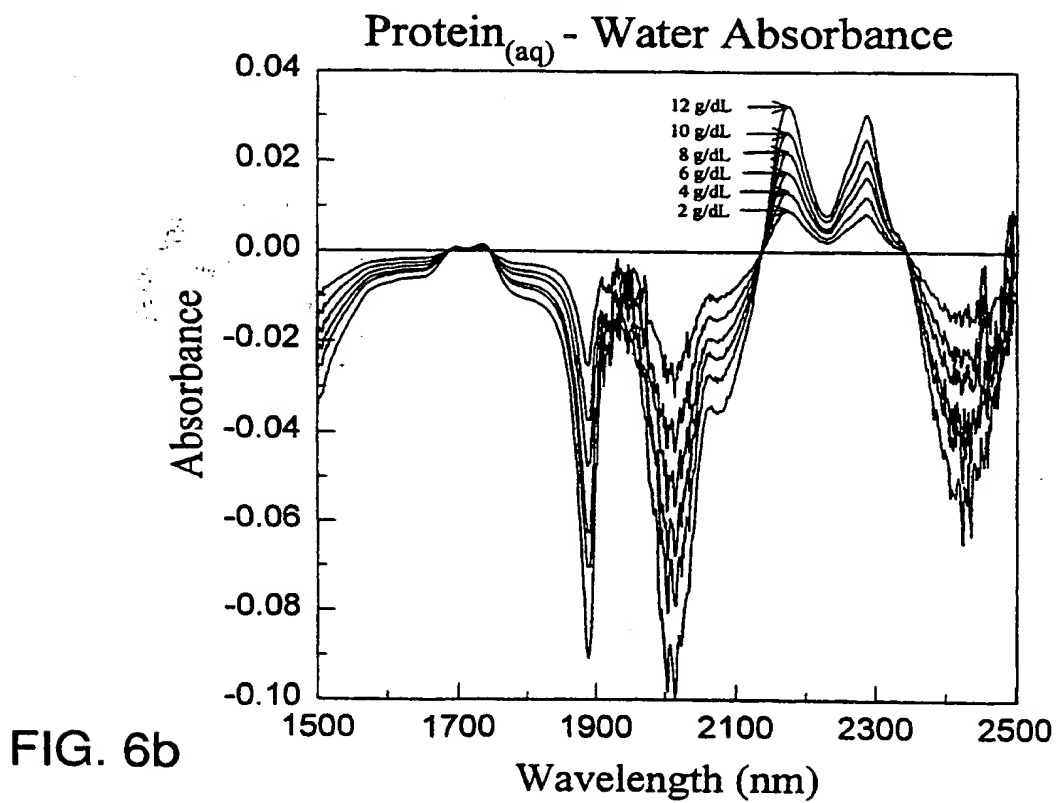
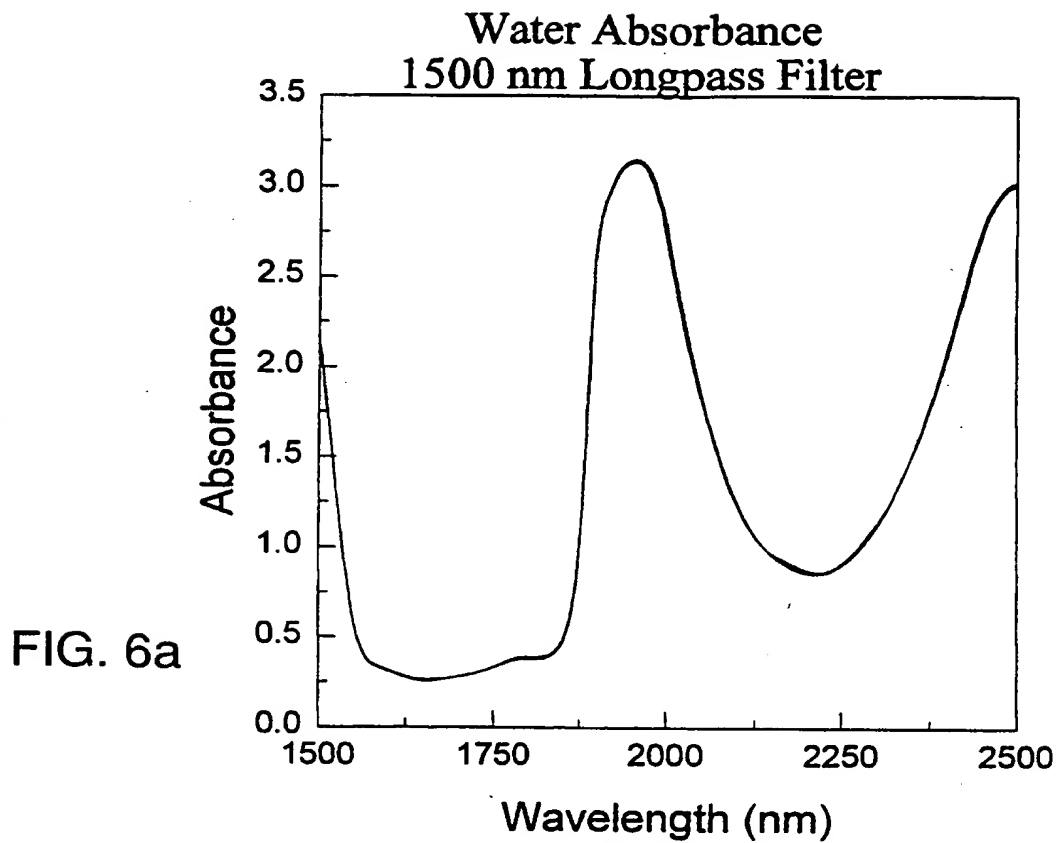


FIG. 5b



## Albumin(aq) - Buffer(pathlength corrected)

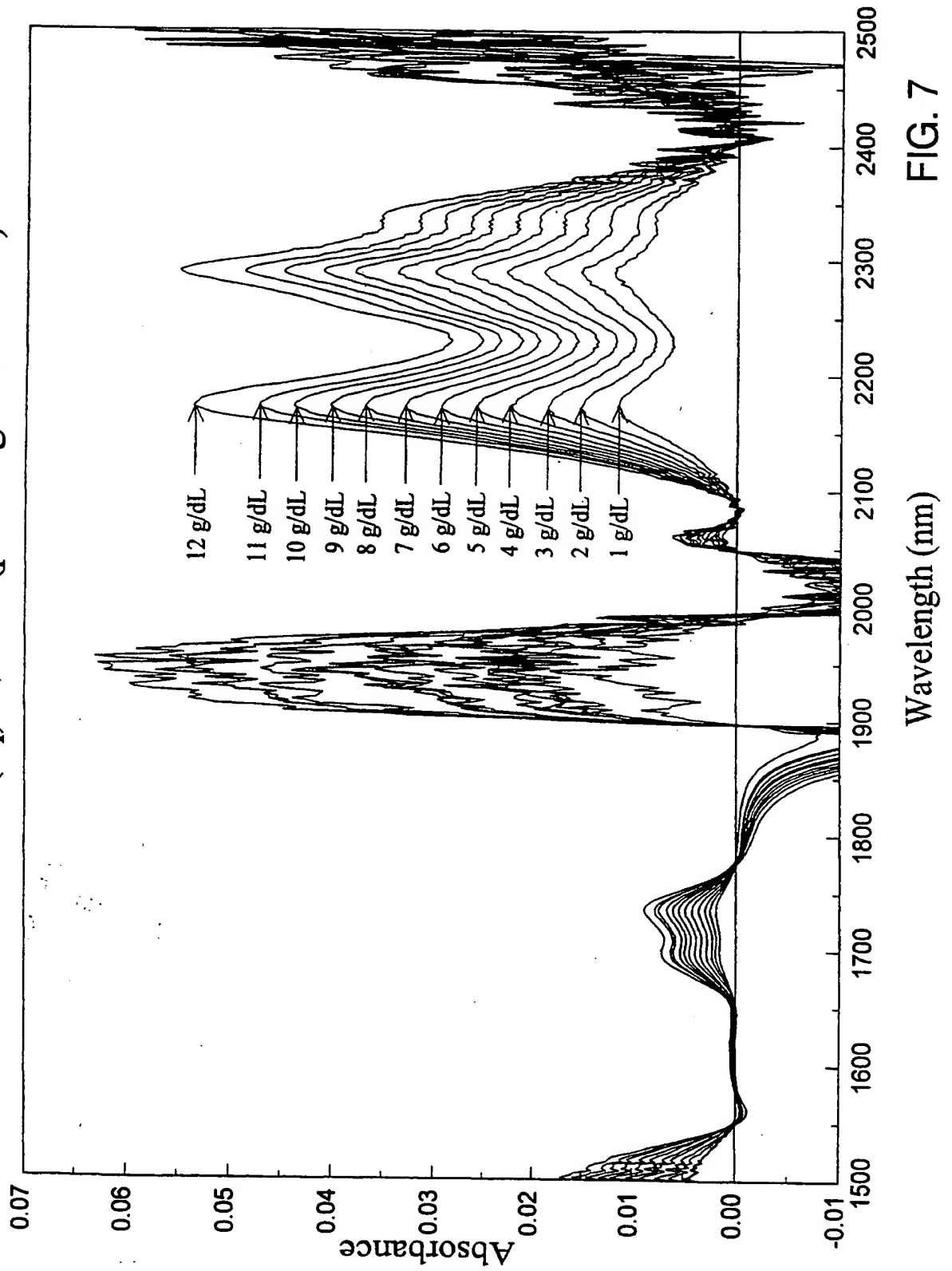


FIG. 7

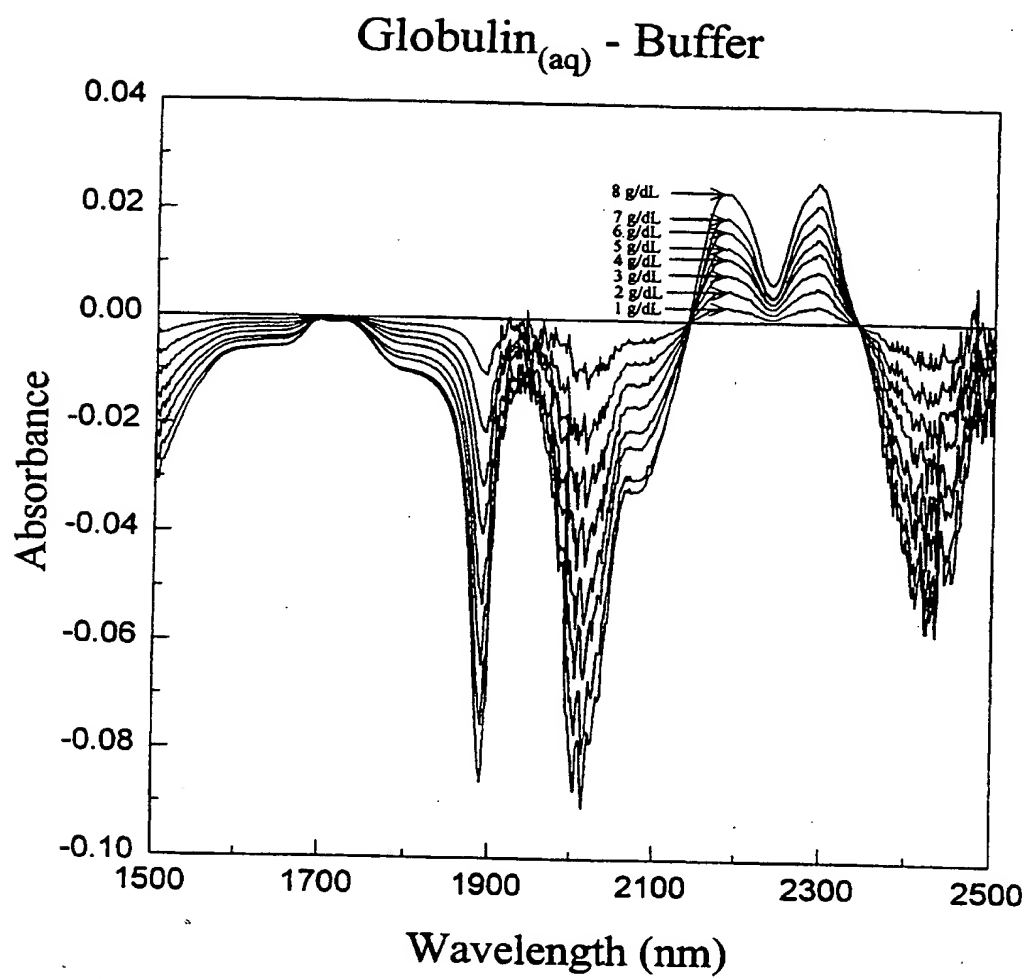
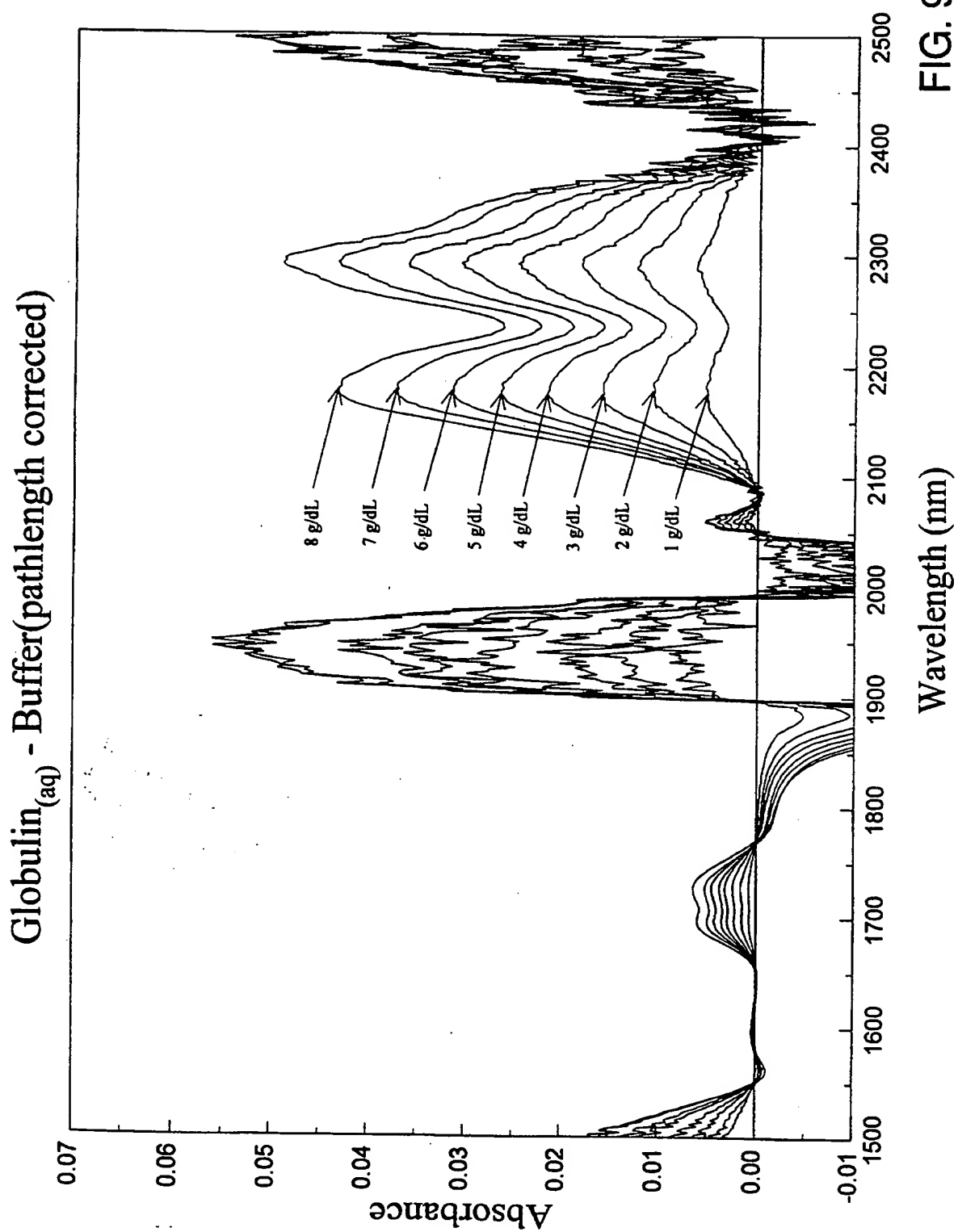


FIG. 8





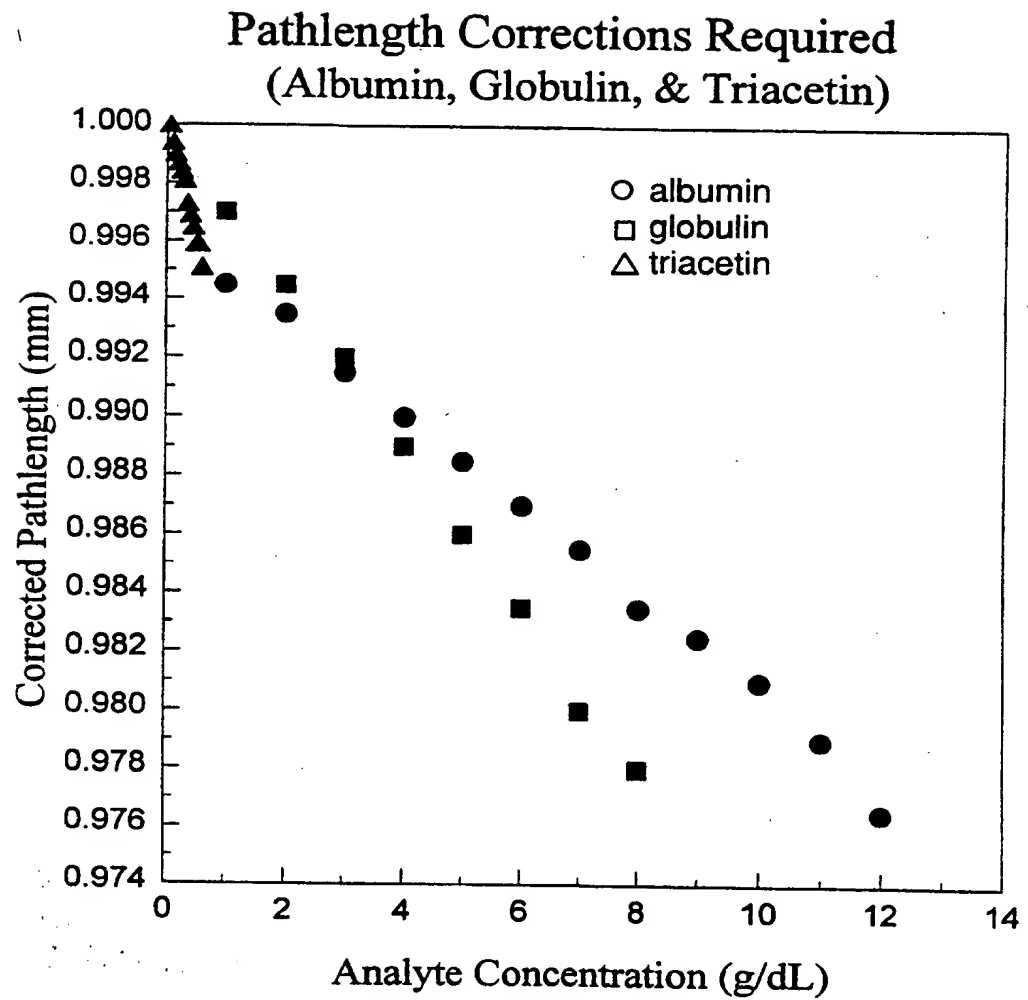


FIG. 10

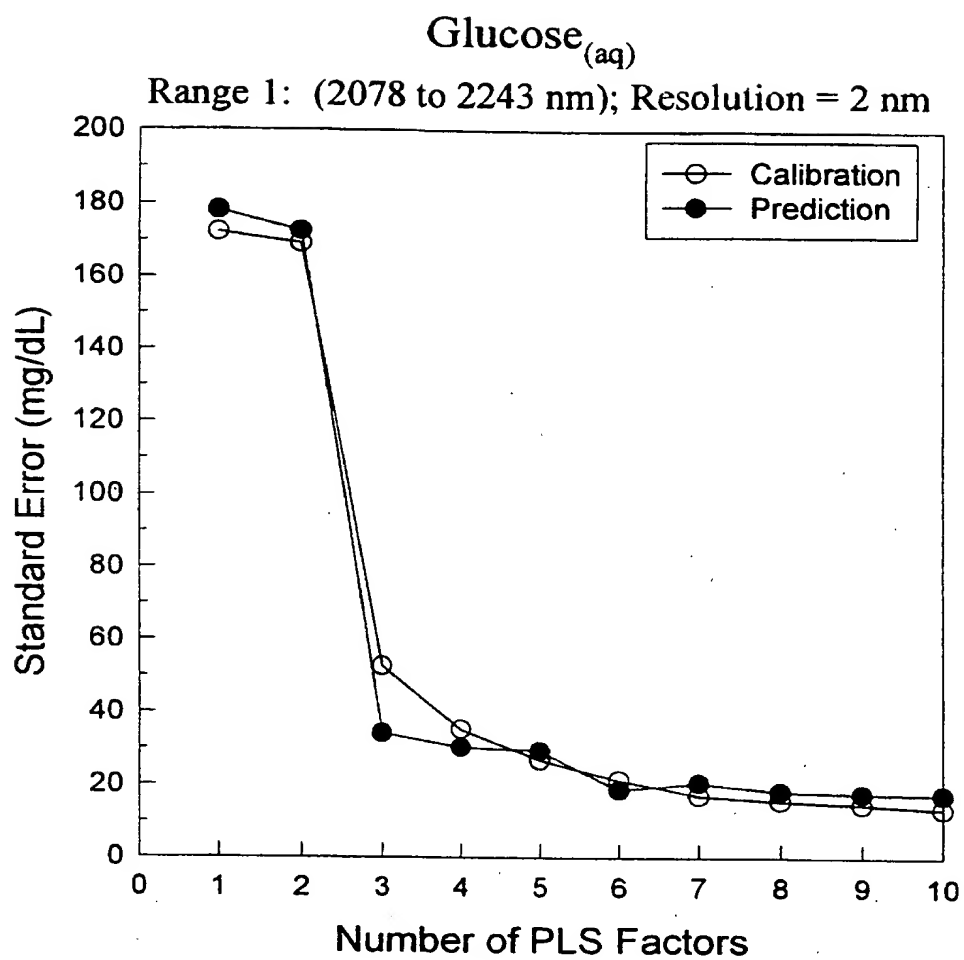


FIG. 11

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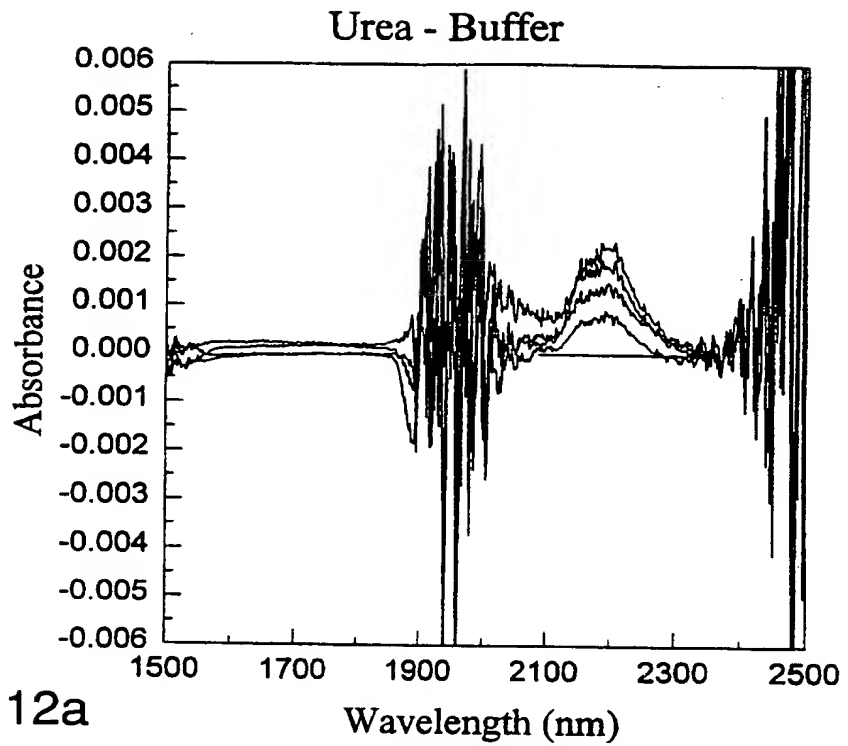


FIG. 12a

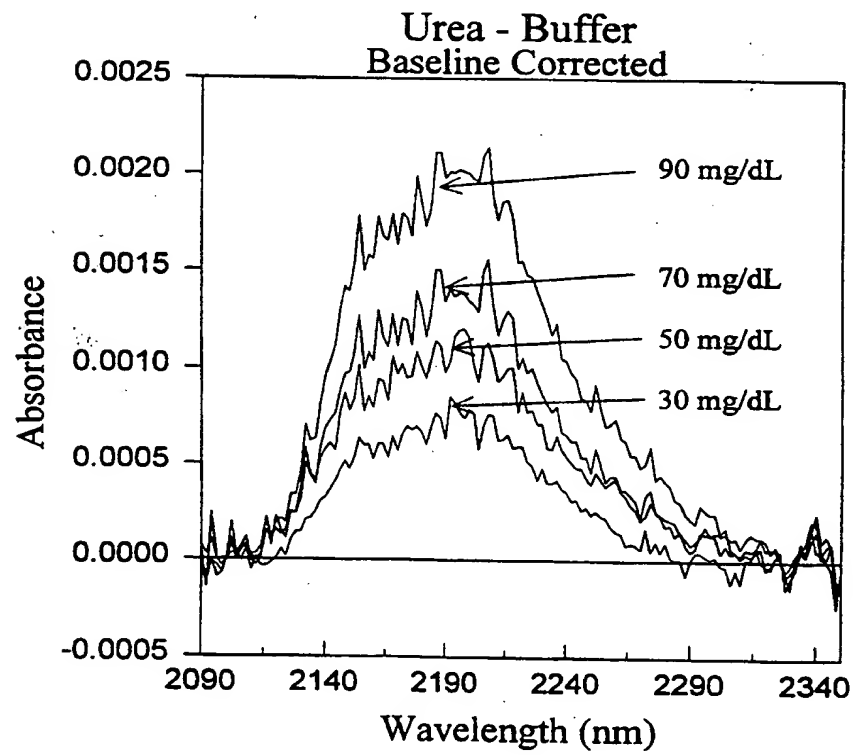


FIG. 12b

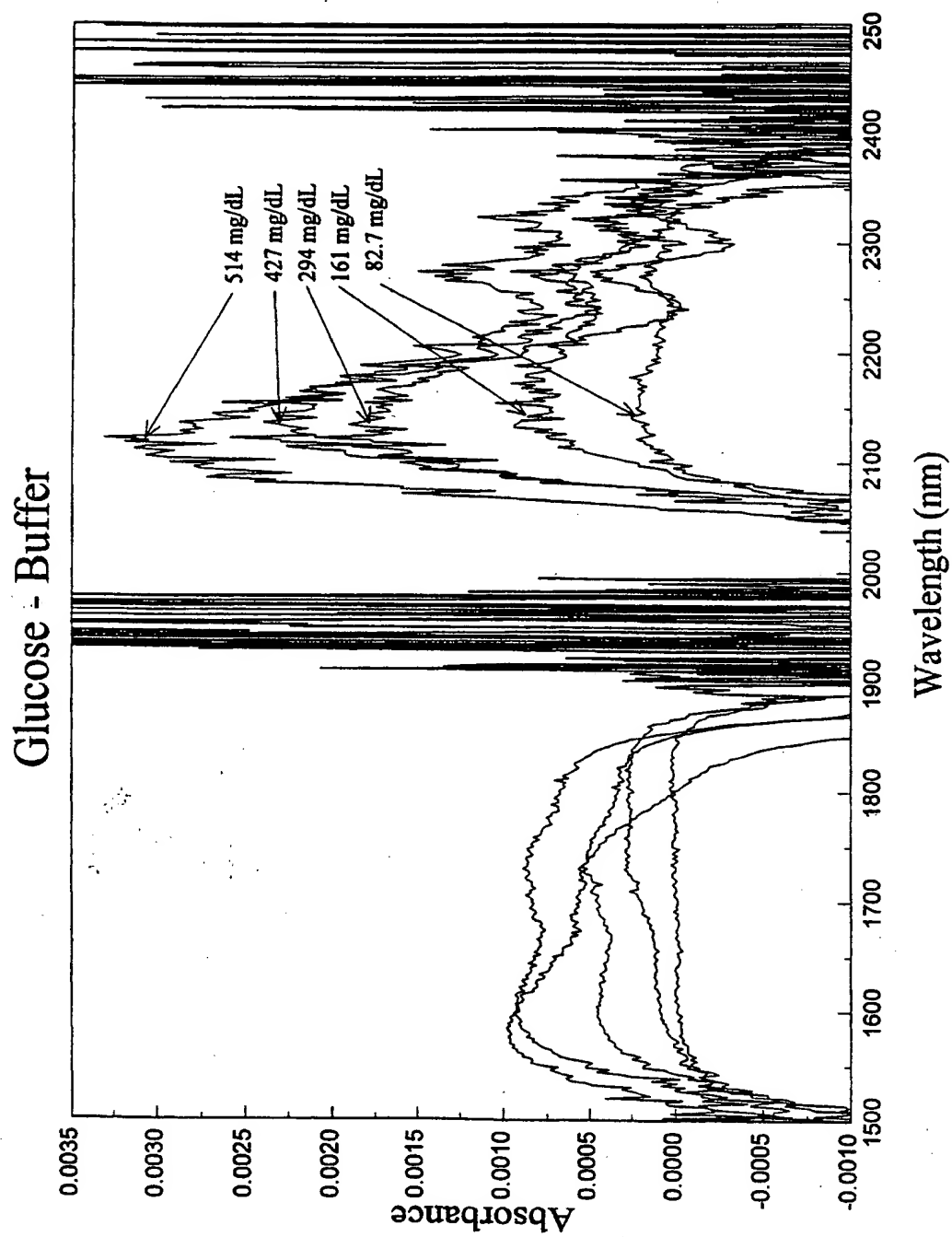


FIG. 13

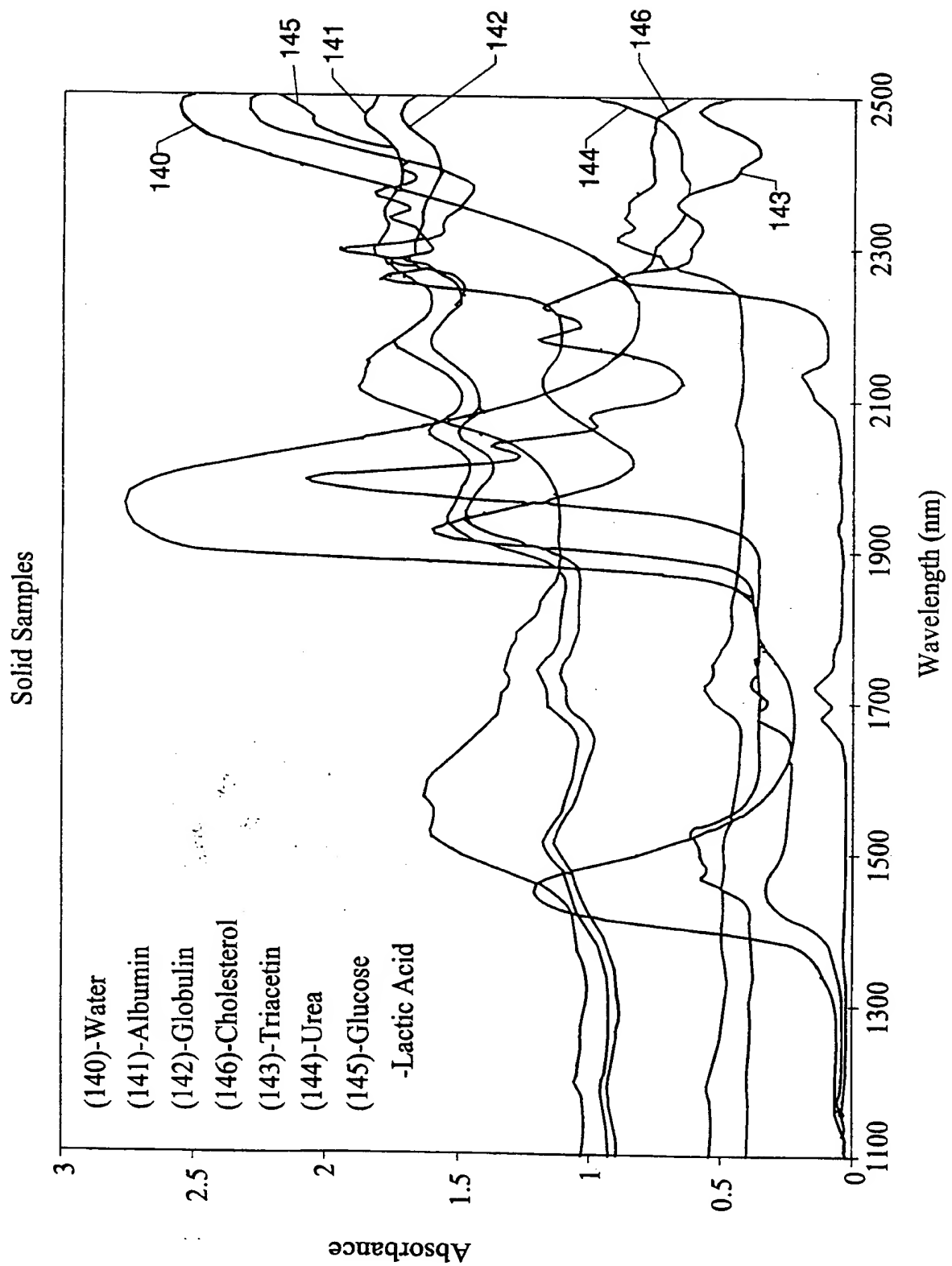


FIG. 14

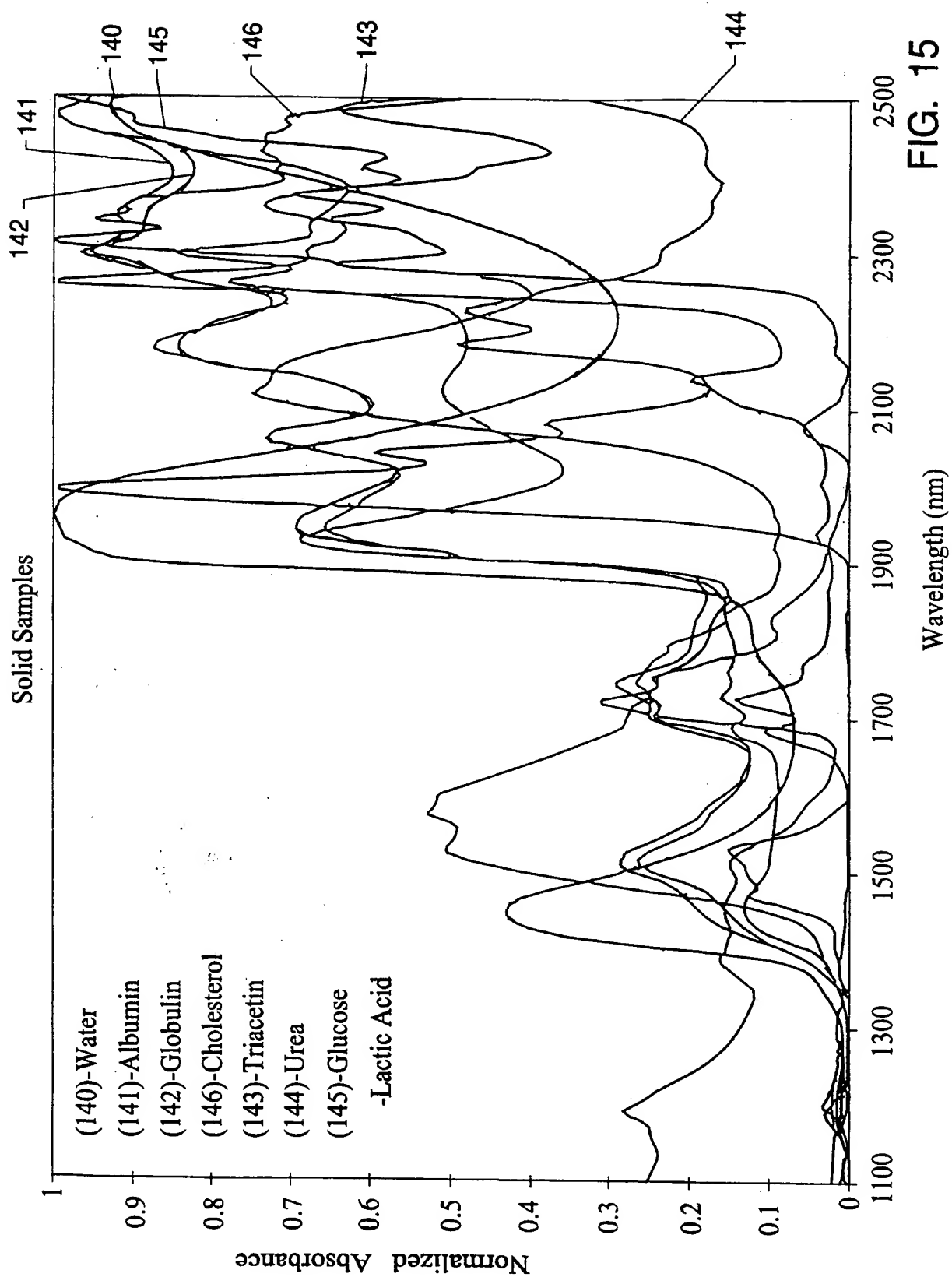
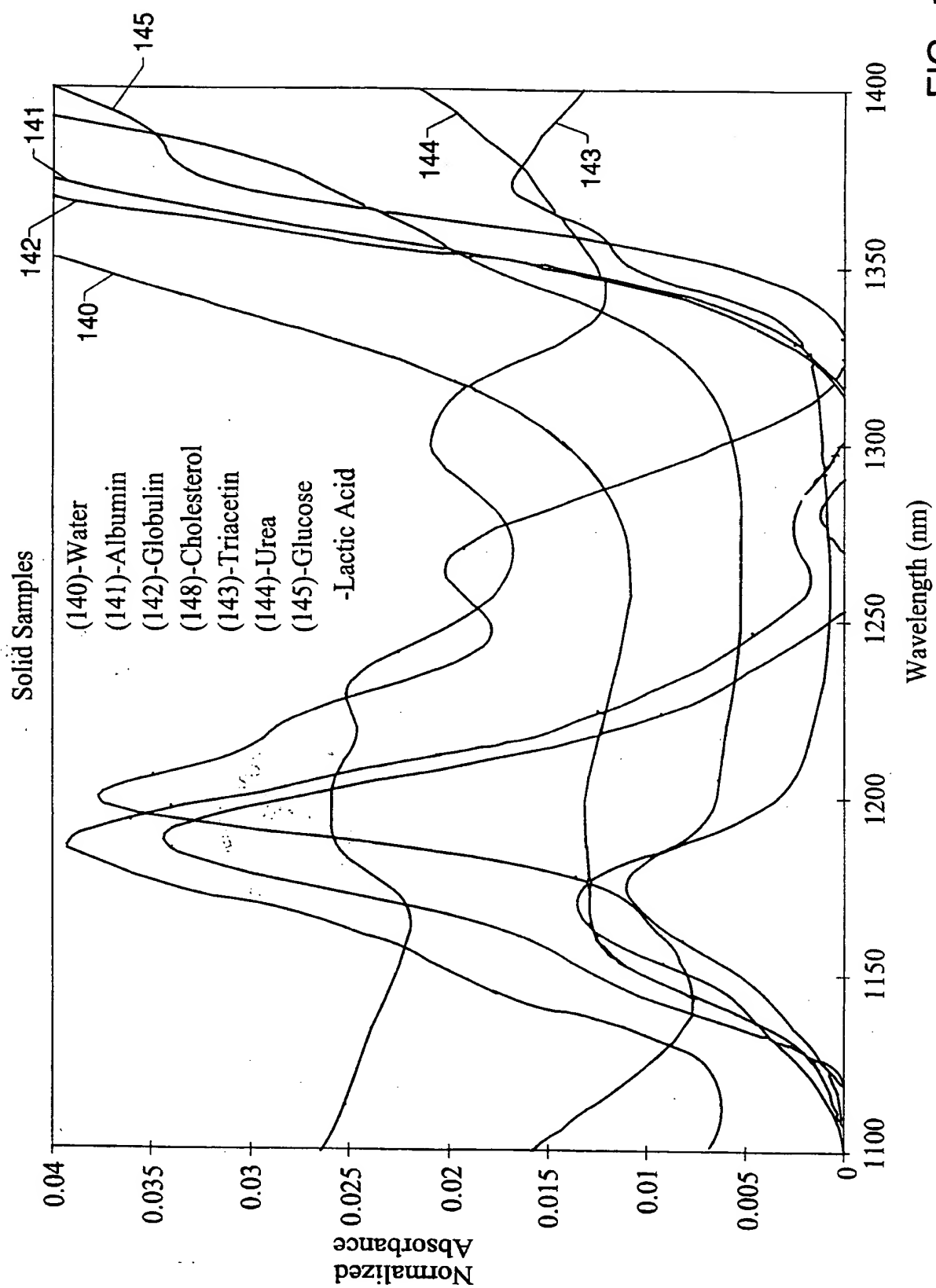


FIG. 15





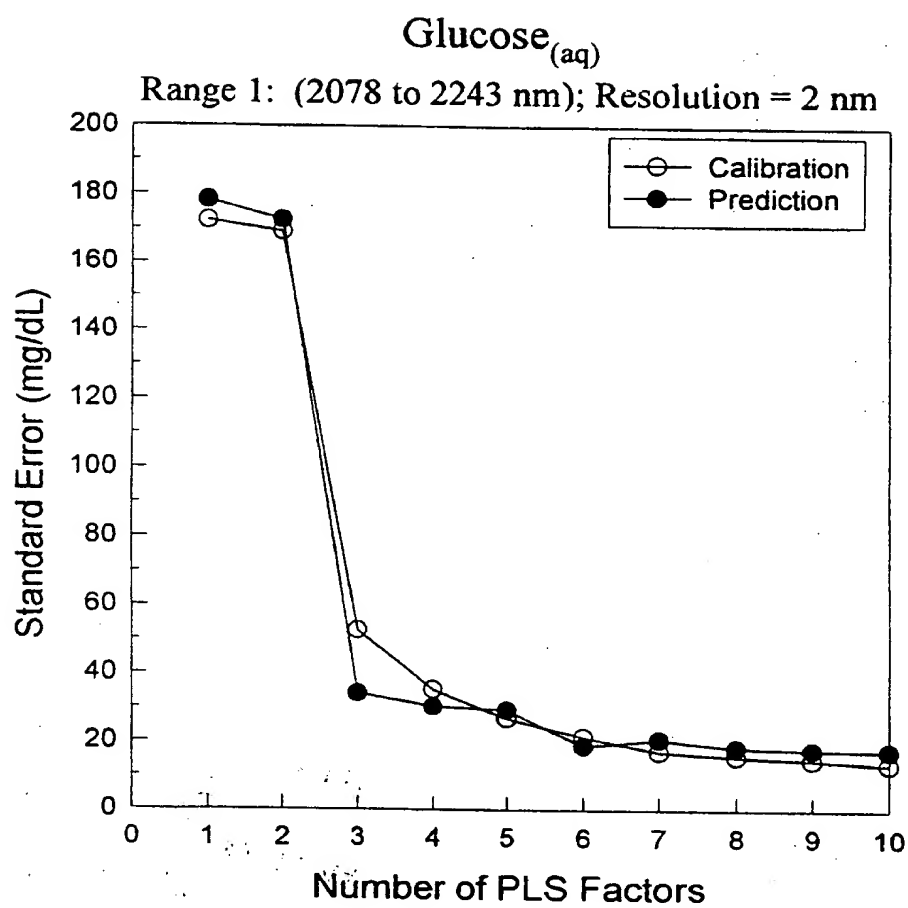


FIG. 17

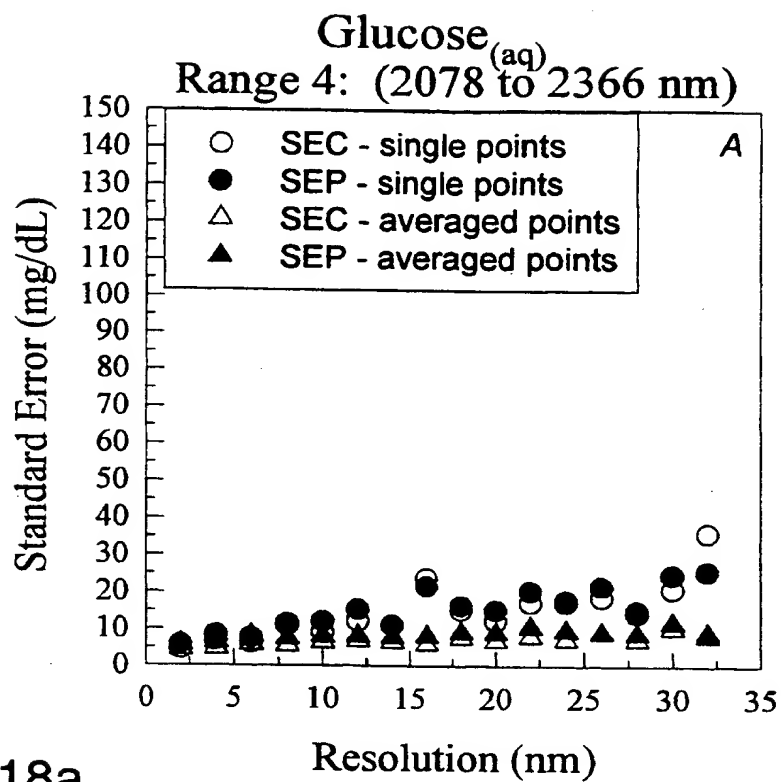


FIG. 18a

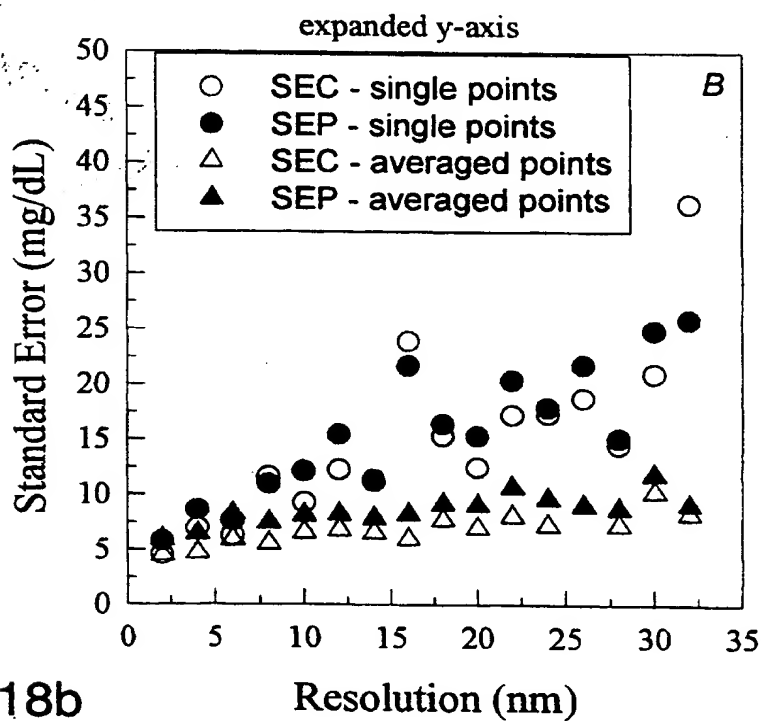


FIG. 18b

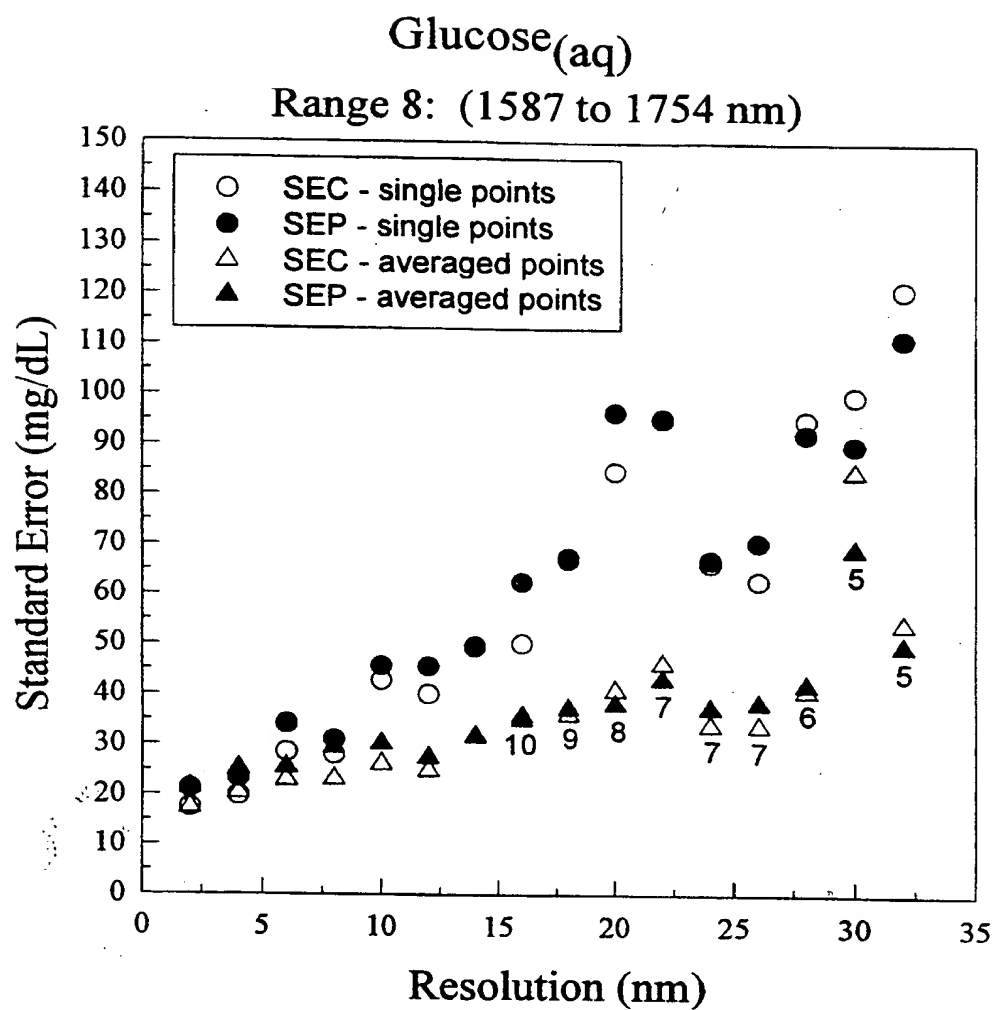


FIG. 19

Glucose<sub>(aq)</sub>  
Range 8: (1587 to 1754 nm); averaged points, 6PLS Factors

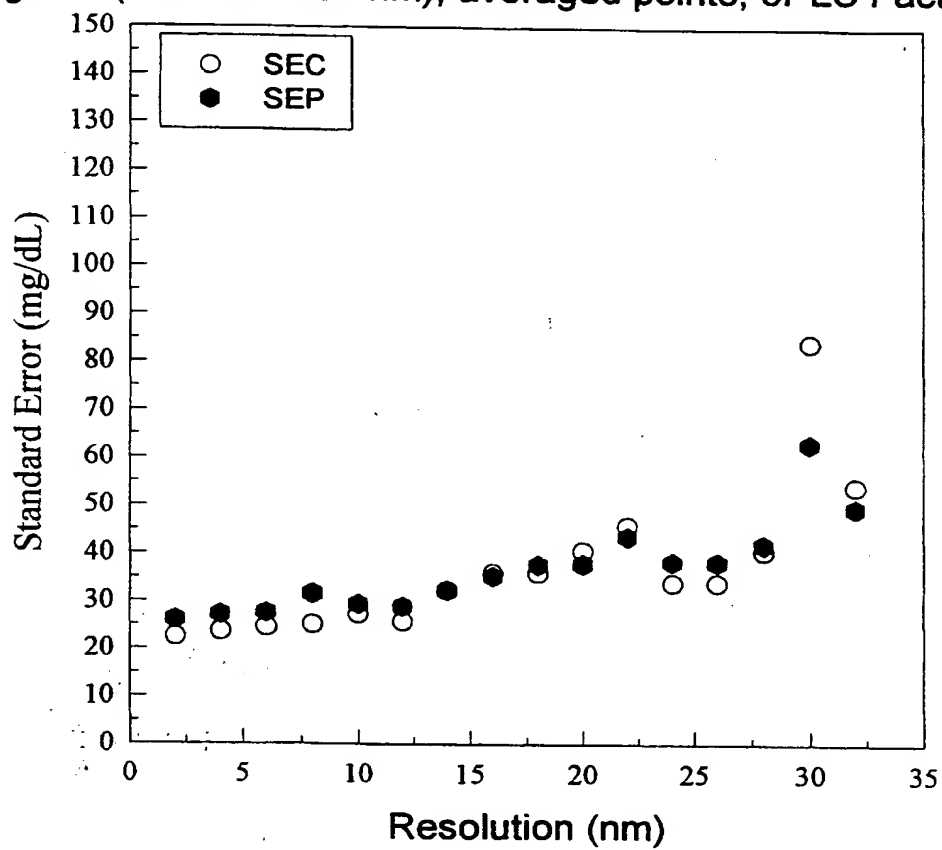


FIG. 20

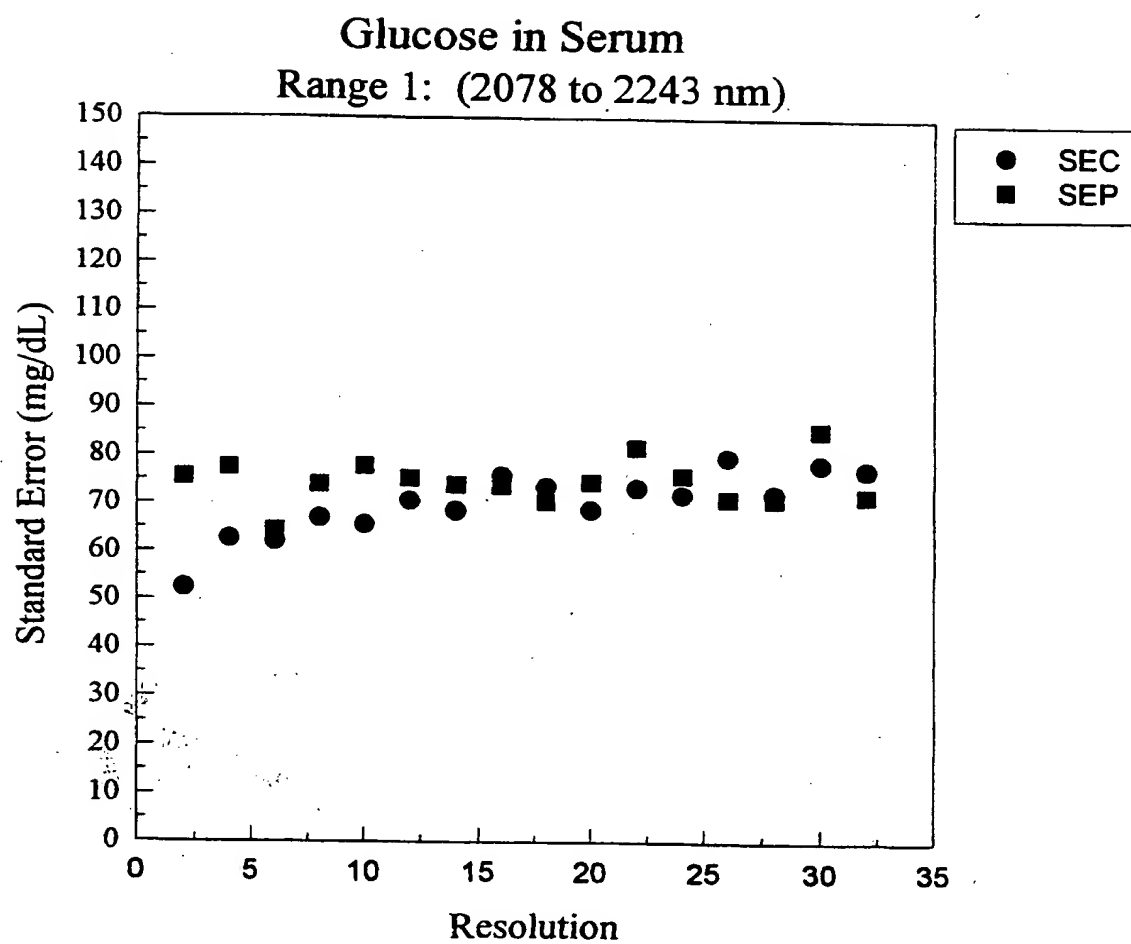


FIG. 21

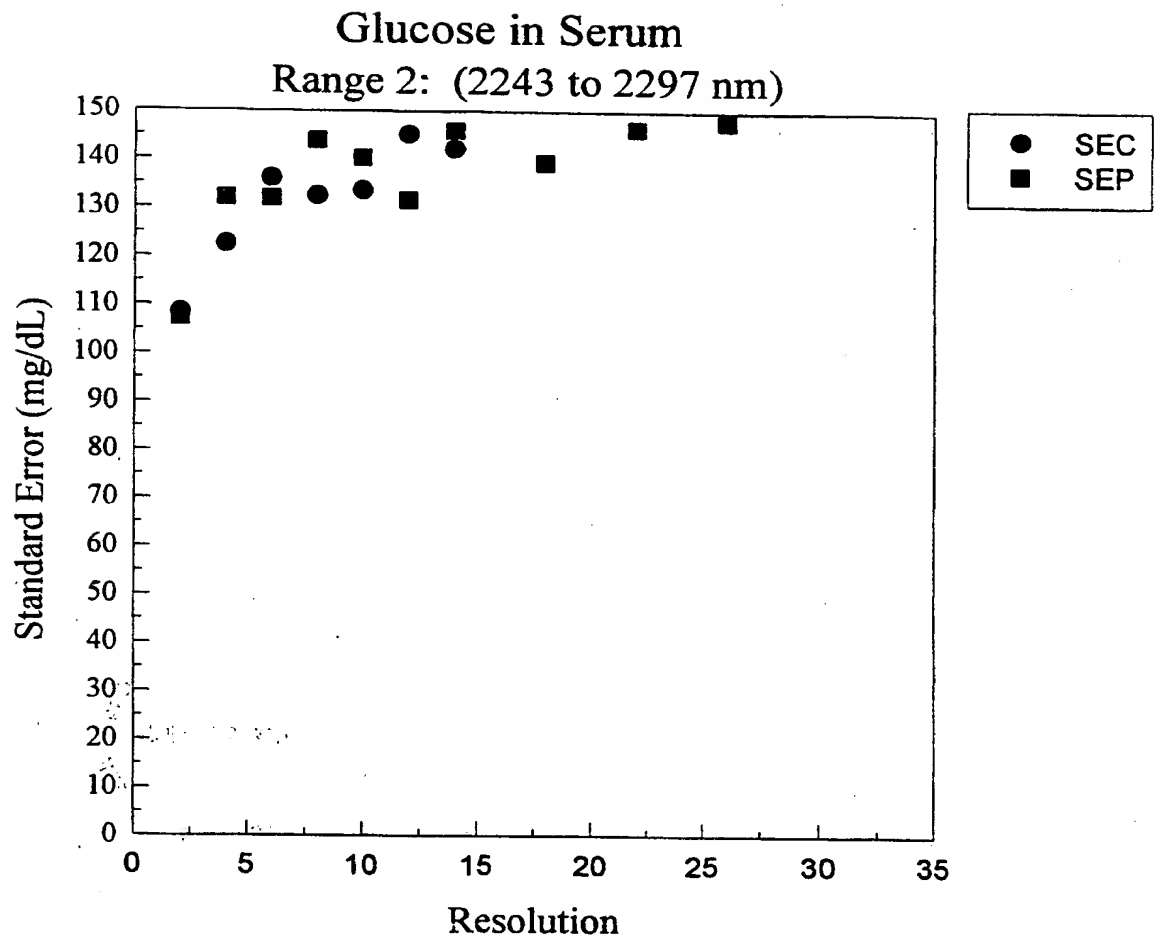


FIG. 22

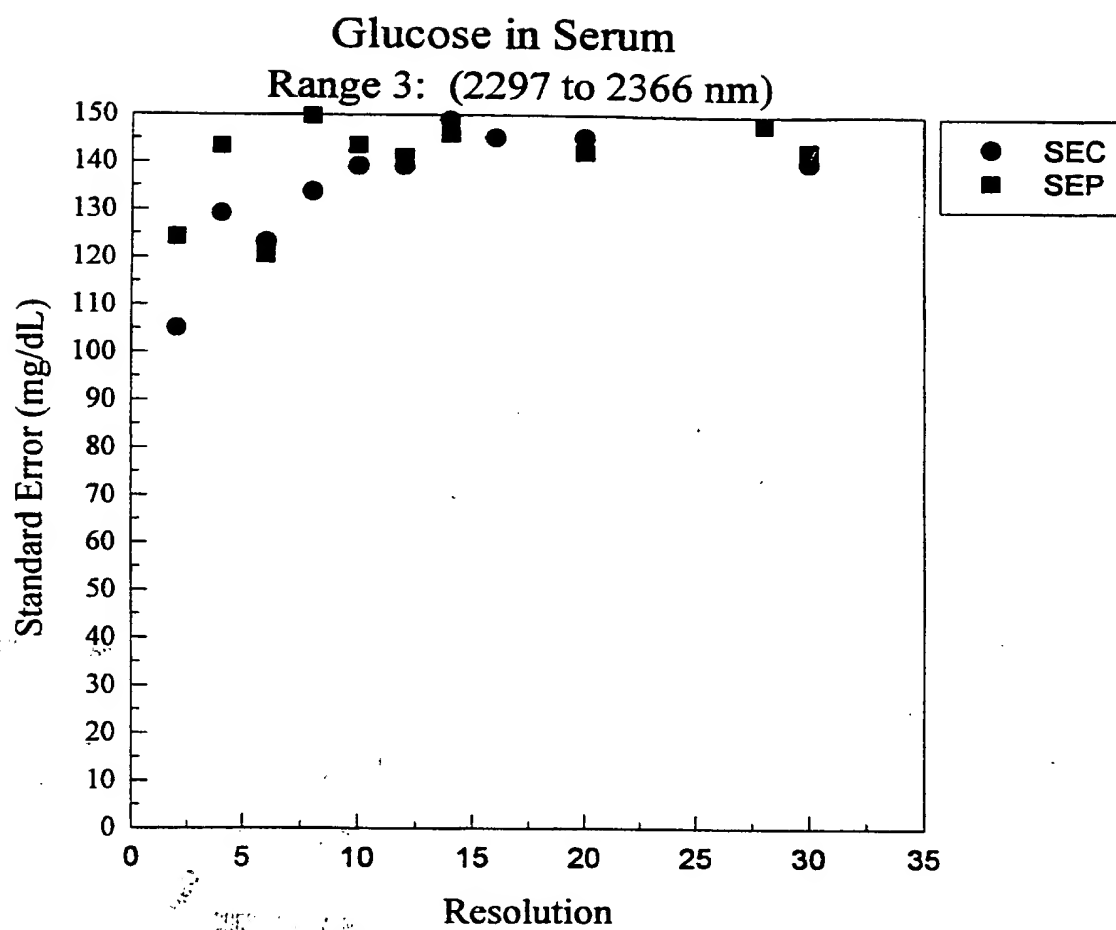


FIG. 23

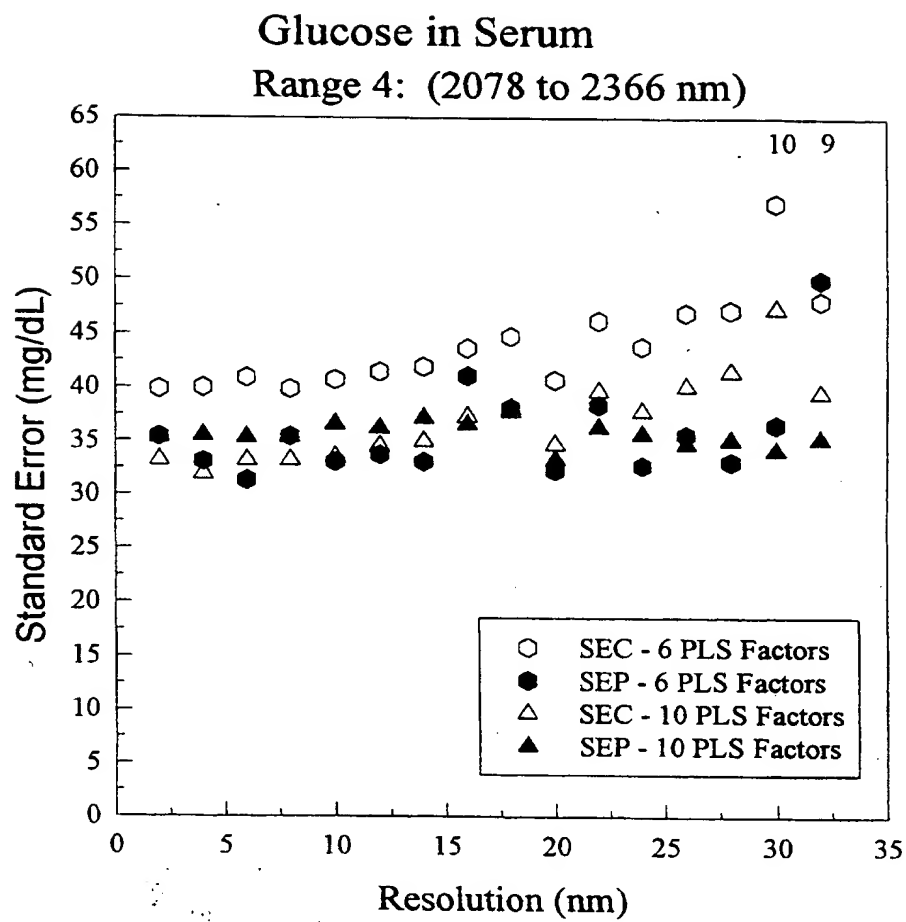


FIG. 24



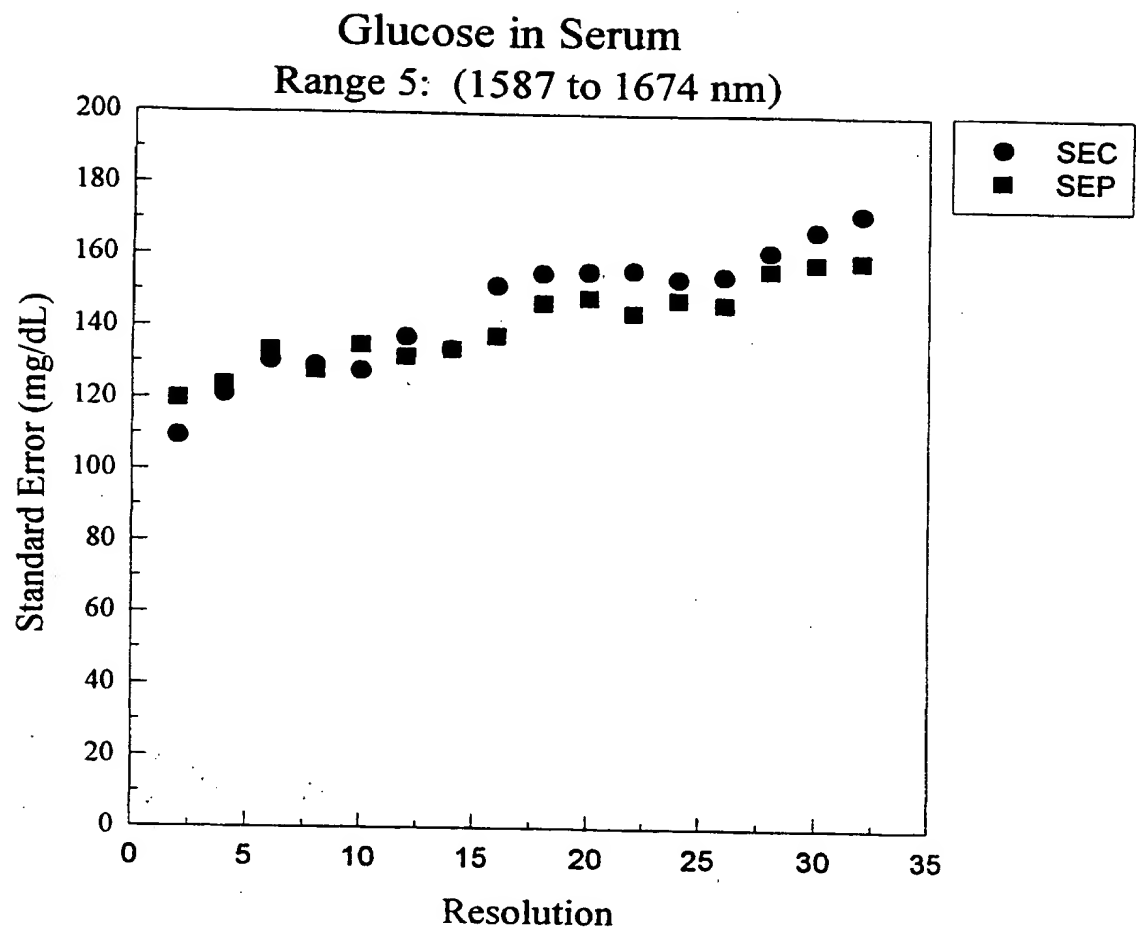


FIG. 25

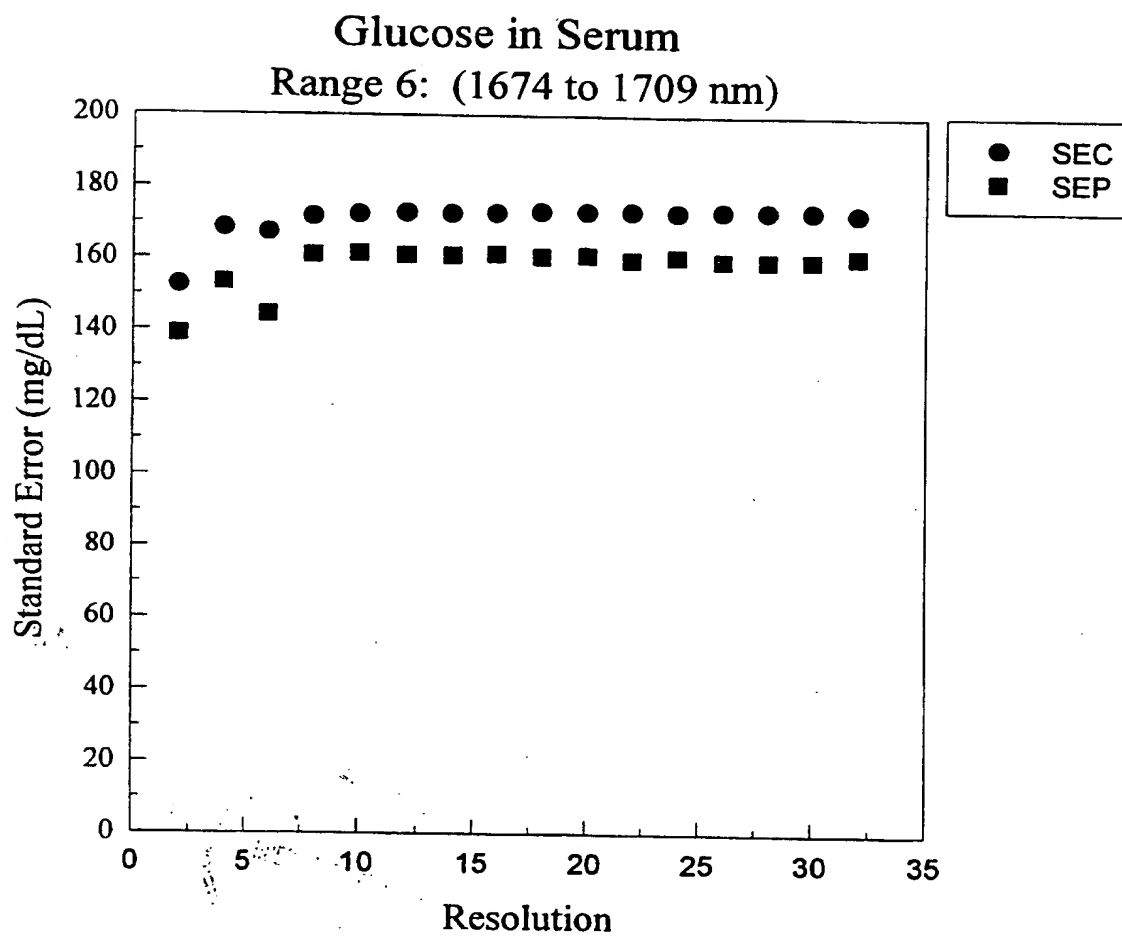


FIG. 26

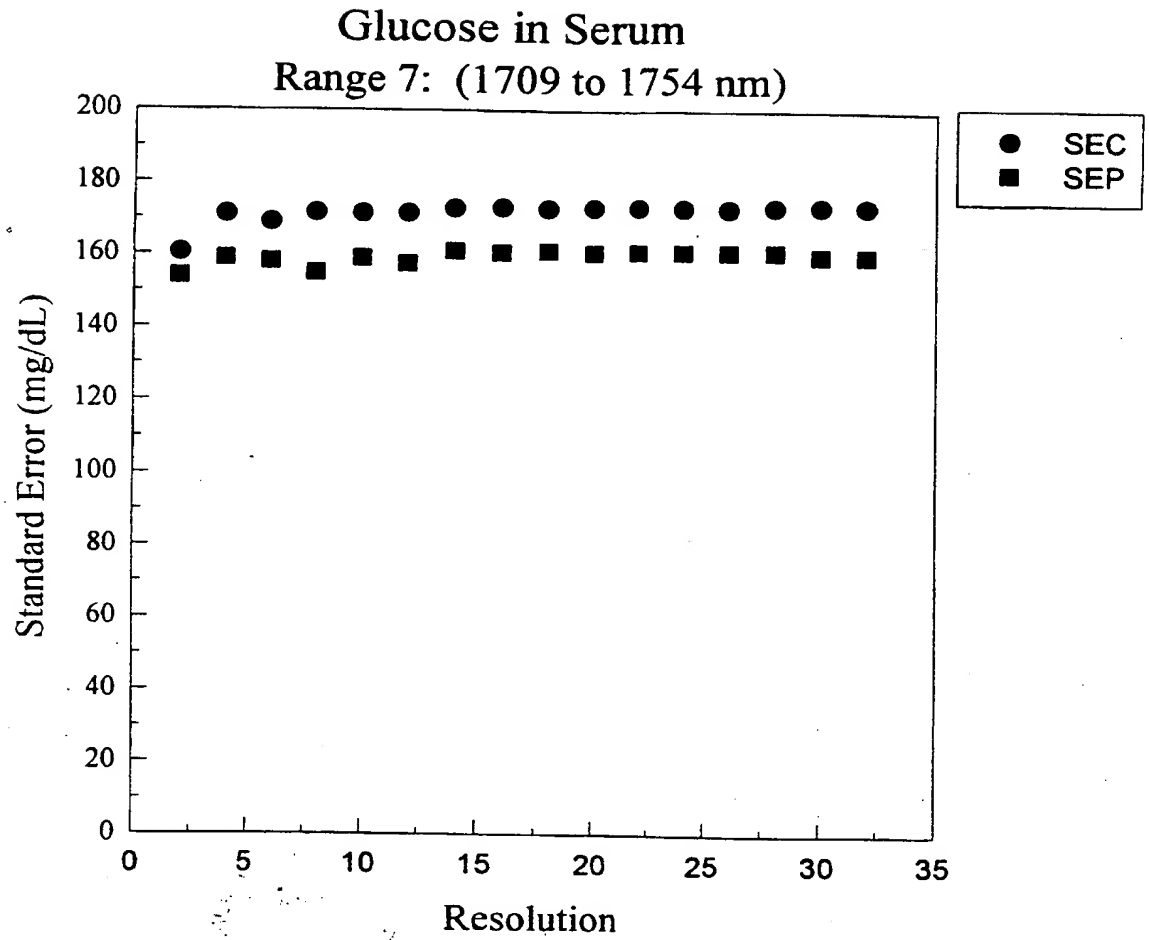


FIG. 27

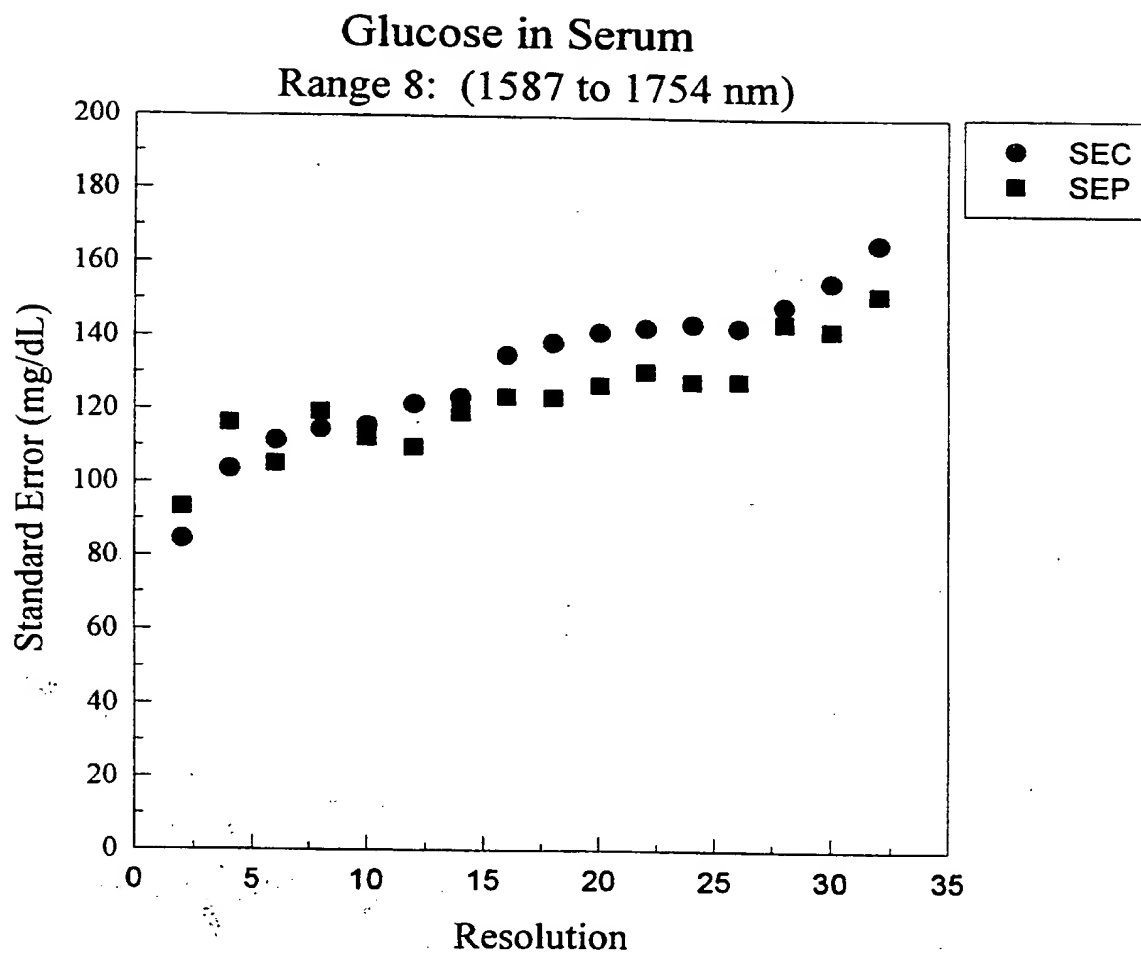


FIG. 28

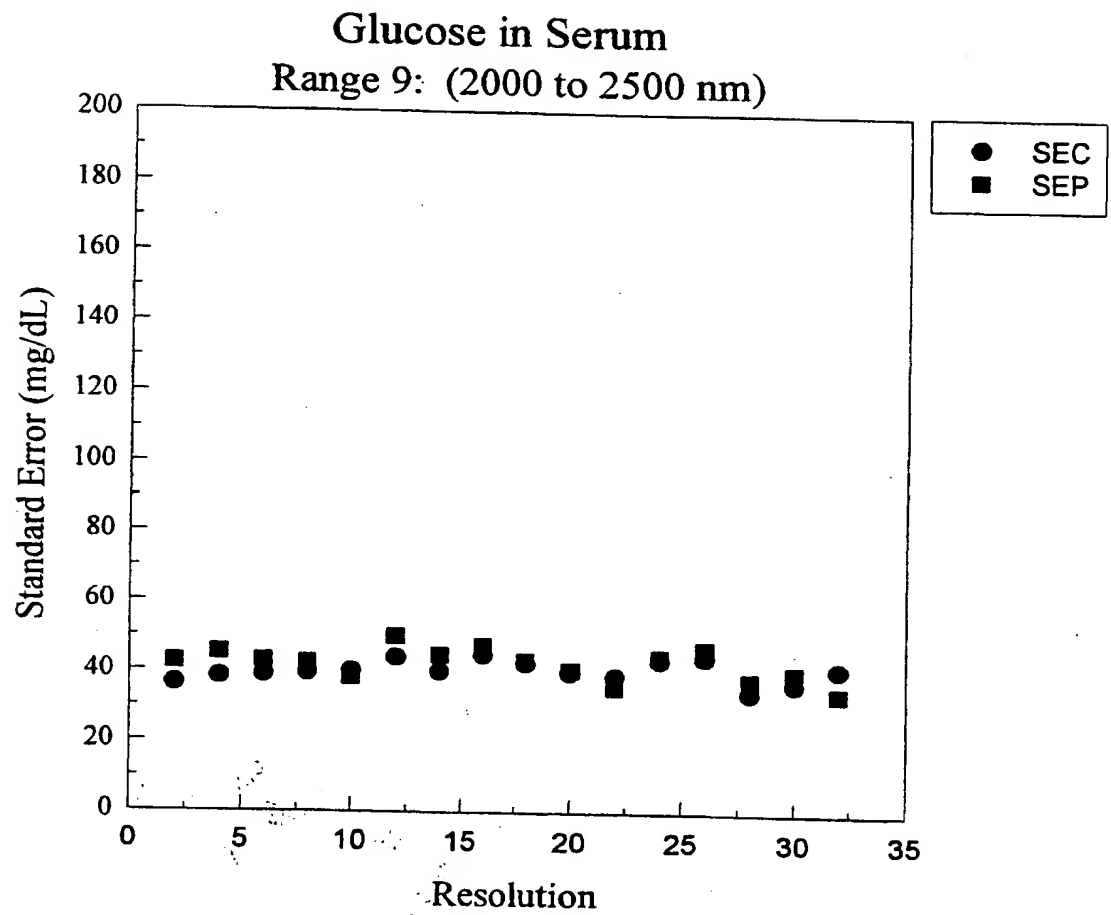


FIG. 29

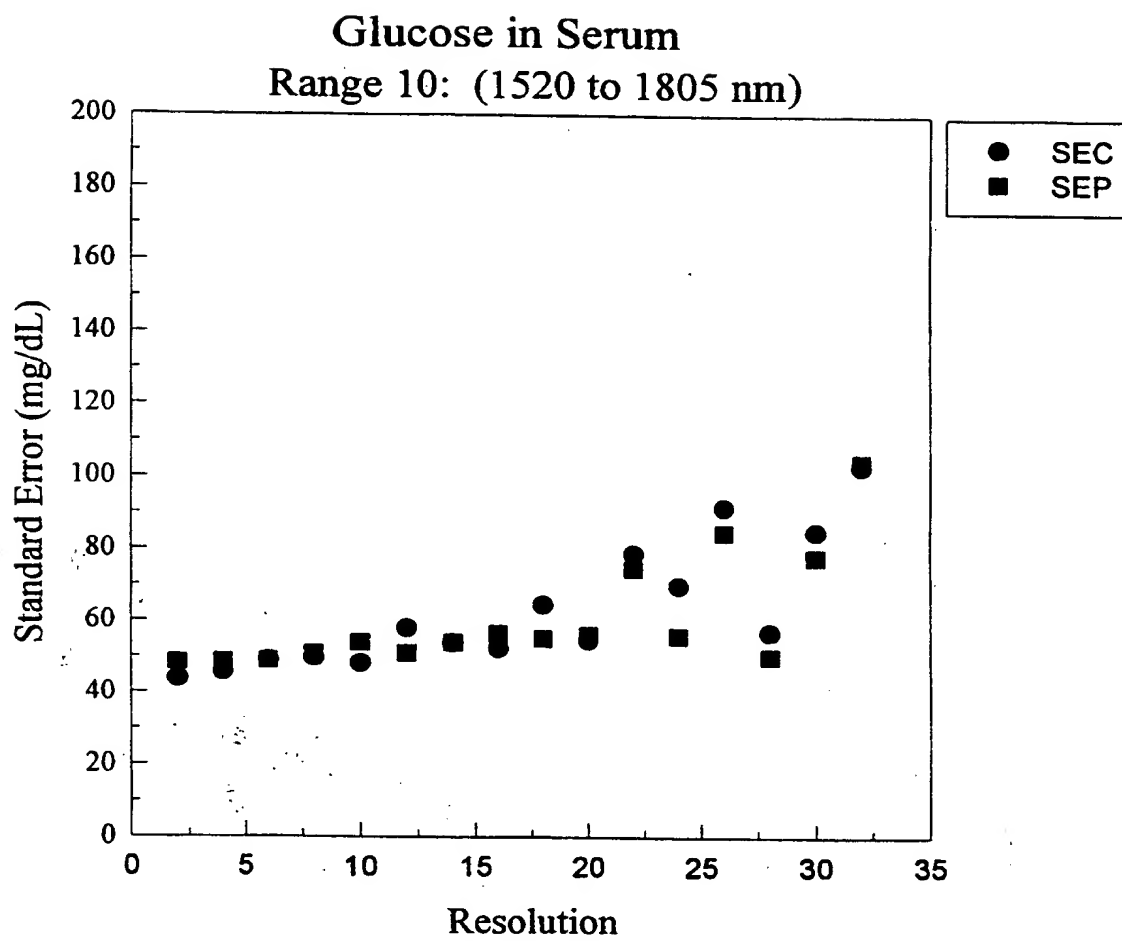


FIG. 30

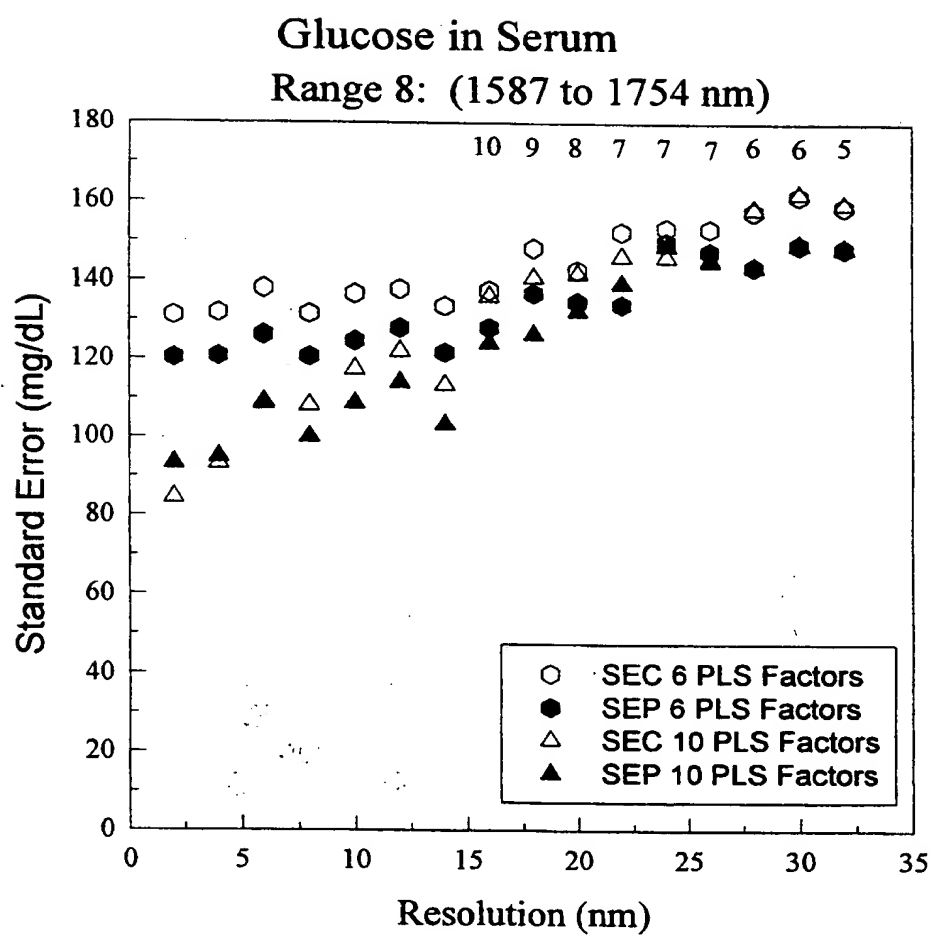


FIG. 31

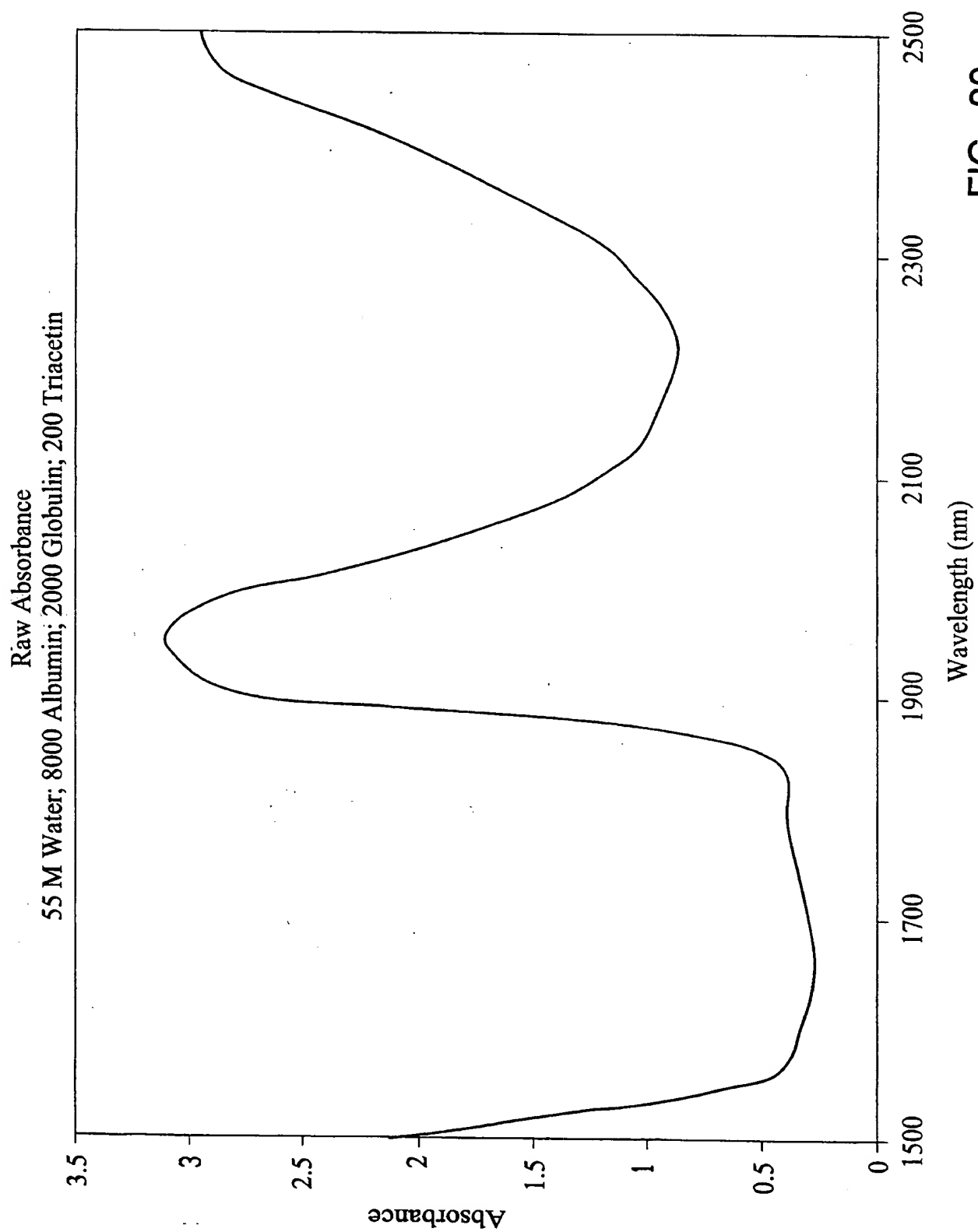
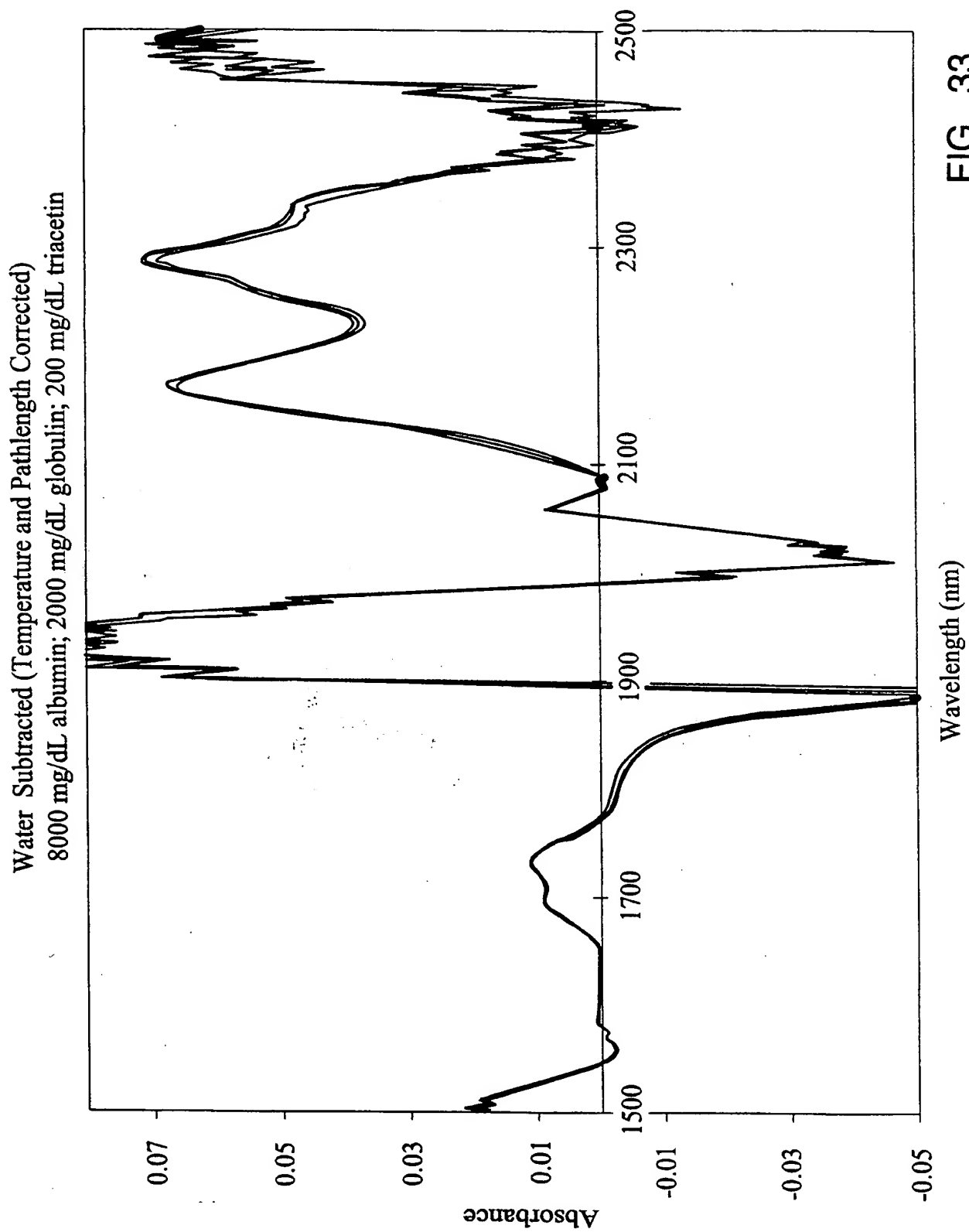


FIG. 32





Linearity Study: Albumin Spectra  
Temperature and Pathlength Corrected

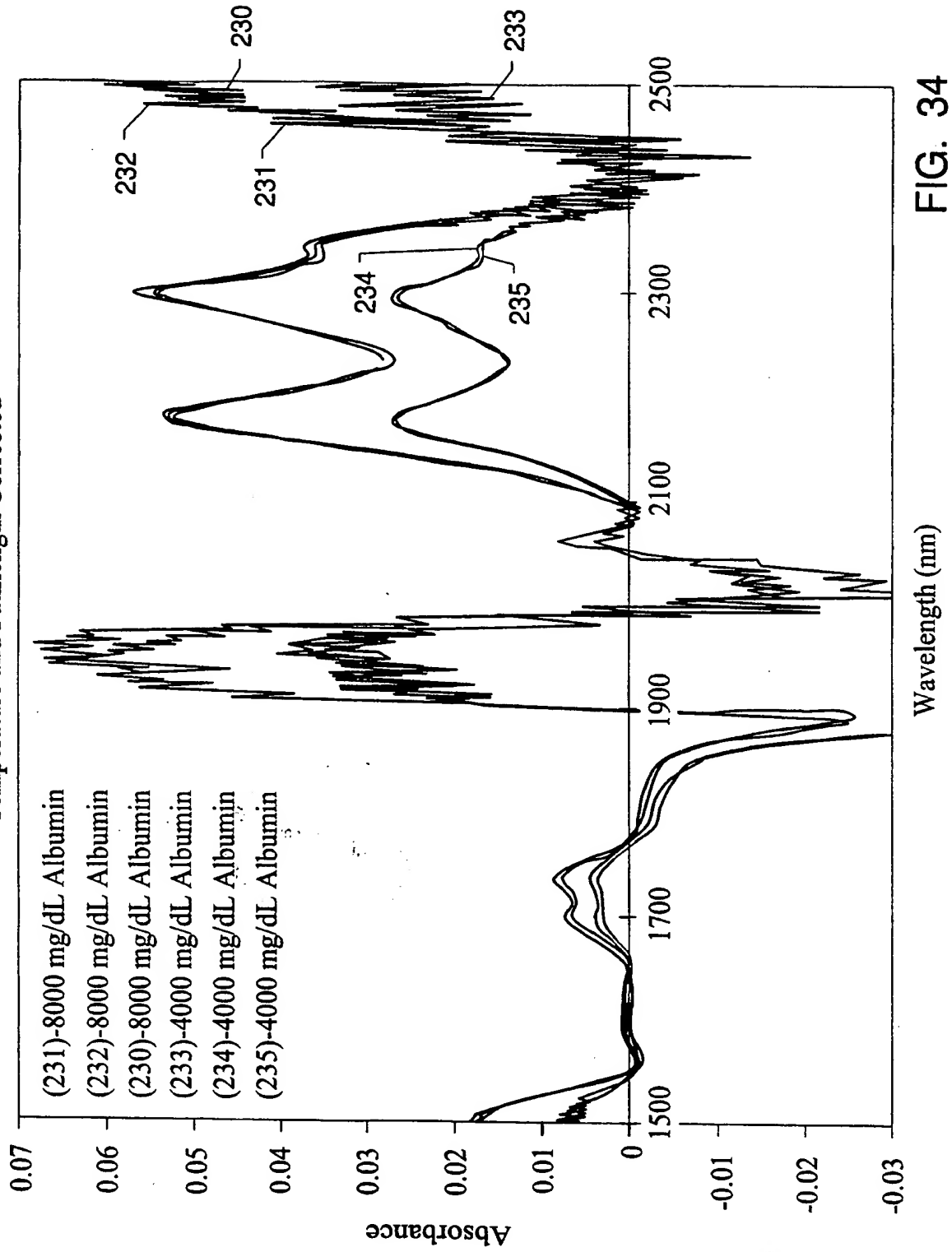


FIG. 34

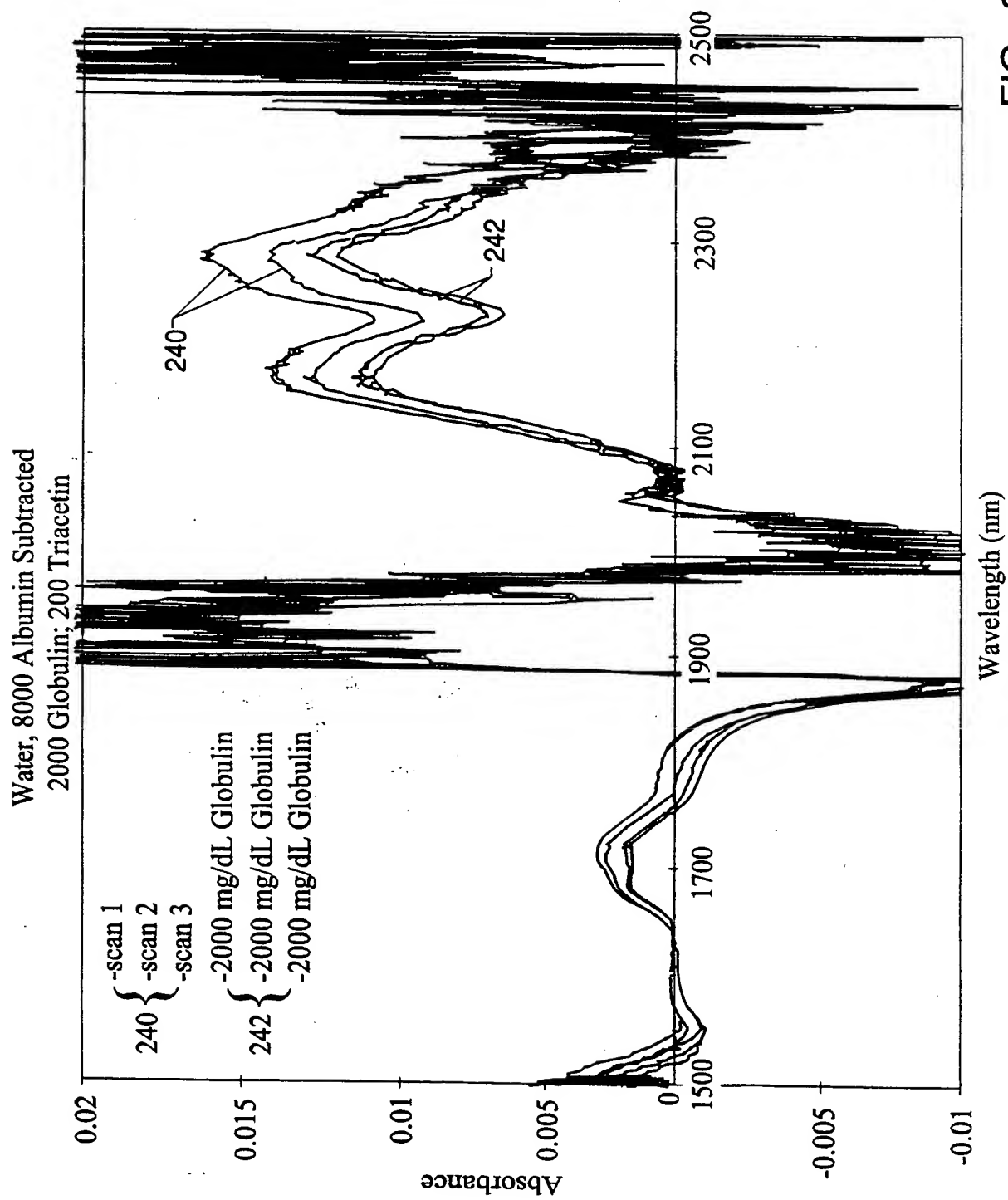


FIG. 35

Linearity Study: Globulin Absorbance  
Temperature and Pathlength Corrected

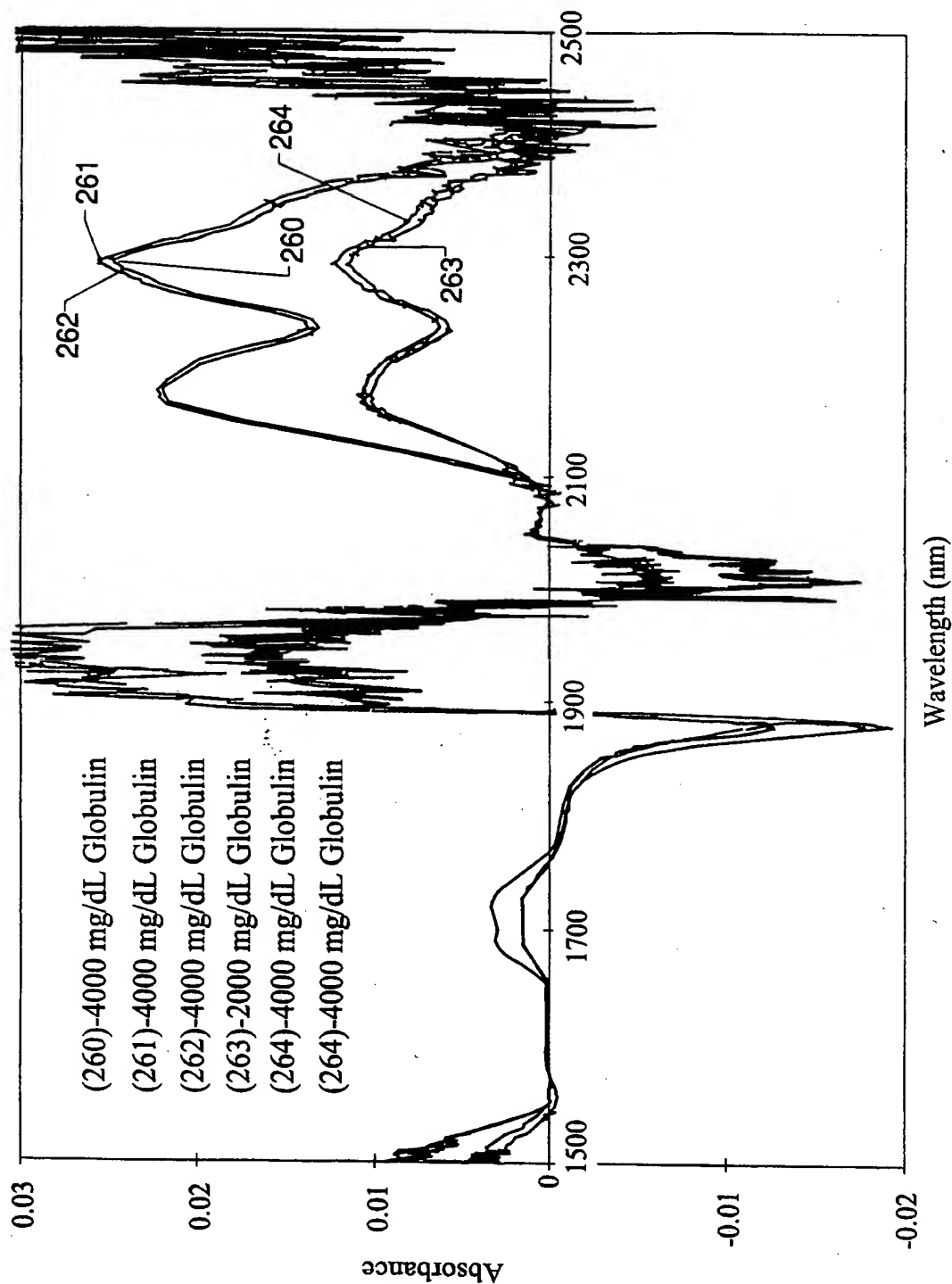
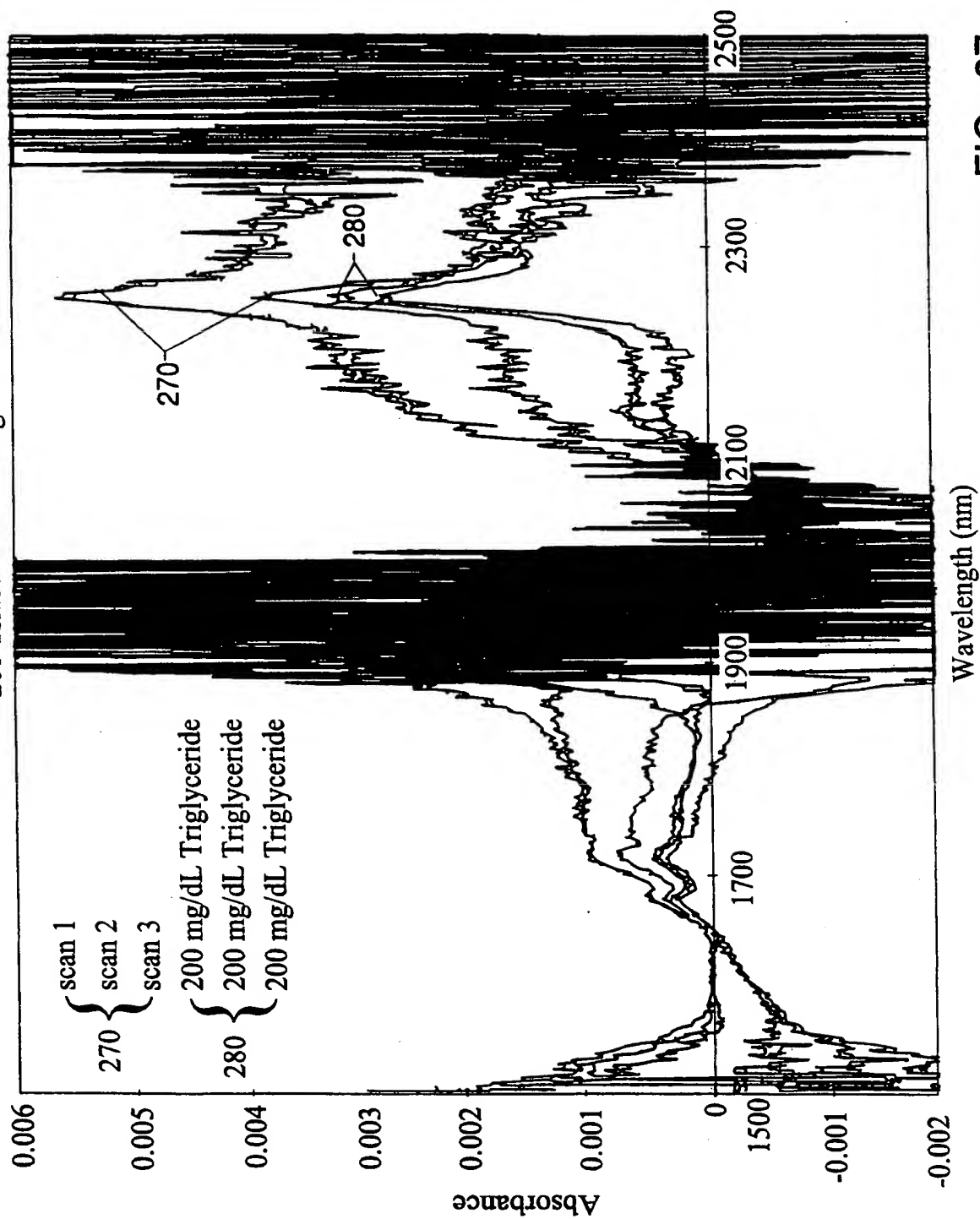


FIG. 36

Water, 8000 Albumin, and 2000 Globulin Subtracted  
200 Triacetin Remaining



Wavelength (nm)

FIG. 37